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Ohio Labor Market Information

Labor Market Review

June 1989

Summary. The June seasonally adjusted unemployment rate in Ohio, at 5.6 percent, was up .2 percentage points from May. The national rate was 5.3 percent, up from 5.2 percent in May. Total employment in Ohio increased 45,000 to an all-time high of 5,183,000. There were 307,000 unemployed Ohioans in June, up 11,000 from May. Ohio's seasonally adjusted nonfarm wage and salary employment advanced 5,000 from May to 4,785,000. Increases in nonmanufacturing employment outweighed declines in manufacturing industries. (See page 3.)

Factory Employment. Manufacturing employment in Ohio slipped 1,000 from May to 1,107,000 in June. Durable-goods employment, at 747,000, accounted for the loss. Most durable-goods industries were lower, although transportation equipment registered a notable gain. In nondurable goods, a moderate decline in rubber and miscellaneous plastics products was offset by scattered increases in other industries, leaving its employment unchanged at 360,000.

Nonmanufacturing. Nonmanufacturing employment rose 6,000 from May to 3,678,000 in June. Retail trade and services each added 4,000 jobs; construction went up 1,000. The only division to lose employment was government, which fell 3,000. Mining, transportation and public utilities, wholesale trade, and finance, insurance, and real estate were unchanged from May.

Over the Year. Ohio's unemployment rate declined from 5.9 percent in June 1988 to 5.6 percent in June 1989. Nationwide, the rate declined from 5.4 percent to 5.3 percent during the same period. Total employment in Ohio rose 189,000 over the year, while total unemployment dropped 5,000. Nonfarm payroll employment was up 114,000 from May 1988. The largest increases were in services (+45,000) and retail trade (+32,000). Construction employment advanced 14,000. Gains in durable-goods industries boosted manufacturing employment 5,000. All other divisions had small increases, except mining, which was unchanged.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $526.01 per week in June, up $3.79 from May. Their average workweek of 42.8 hours was slightly longer. Most industries had increased earnings due to more overtime, although a sharp drop occurred in metal forgings and stampings. The most notable gains were in motor vehicles and equipment and in blast furnace and basic steel products.

Benefits and Costs. There were 45,358 initial claims filed under the Ohio Unemployment Compensation Law in June, up 2.5 percent from May, and up 12.6 percent from June 1988. The average weekly benefit check of $158.00 was $2.66 lower than in May. Total benefits paid fell 2.5 percent to $43.2 million. The average weekly number of benefit recipients, at 61,029,

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Ellen O'Brien Saunders, Administrator

was down 10.1 percent from May. At the end of June there were 203,748 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services helped 34,620 new job applicants in June, down 8.0 percent from May, and down 14.3 percent from June 1988. The number of job openings received from employers rose 4.5 percent to 12,381. The Employment Services Division made 24,866 job referrals and 5,741 placements.

Ohio Labor Market Information Directory

The Labor Market Information Division of the Ohio Bureau of Employment Services has announced the publication of the second edition of the *Ohio Labor Market Information Directory*. This directory is designed to identify and describe sources of labor market information in Ohio. Labor market information is data about jobs and workers, and it consists of demographic, labor force, occupational and industry information.

The *Directory* provides general direction for those who need specific types of labor market information, as well as those who are uncertain about the information they are seeking. Publications are listed by the agency which produces them and by the subject matter of each report. A glossary provides a definition of each term used throughout the *Directory* and order blanks for publications are included.

To order your free copy of the *Directory*, call the LMI Division at (614) 644-2689, or write:

OBES - LMI Division
Attn: Statistical Services
145 S. Front St.
Columbus, OH 43215

In This Issue

Summary 1-2
Seasonally Adjusted Series
- Current Data 3
- Historical Data 4
- Graphs 5

Seasonally Unadjusted Series
- Historical Data 6-9
- Current Data 10-13

Metropolitan Area Statistics 14-45
Technical Notes 46
Employment Service Activities 47
Unemployment Insurance Activities 47

Seasonally Adjusted Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	June 1989	May 1989	June 1988	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,490	5,434	5,306	56	184	1.0	3.5
Employment	5,183	5,138	4,994	45	189	0.9	3.8
Unemployment	307	296	312	11	-5	3.7	-1.6
Unemployment Rate	5.6	5.4	5.9				
Employer Survey Data[e]							
Total	4,785	4,780	4,671	5	114	0.1	2.4
Manufacturing	1,107	1,107	1,102	-1	5	-0.1	0.4
Durable Goods	747	747	742	-1	4	-0.1	0.6
Nondurable Goods	360	360	360	0	0	-0.0	0.1
Nonmanufacturing	3,678	3,672	3,569	6	109	0.2	3.1
Mining	20	19	19	0	0	0.6	0.8
Construction	197	196	182	1	14	0.4	7.8
Transportation and Public Utilities	214	214	211	0	3	-0.0	1.2
Wholesale Trade	261	261	254	0	7	0.2	2.9
Retail Trade	906	902	874	4	32	0.4	3.7
Finance, Insurance, and Real Estate	255	255	249	0	6	0.1	2.3
Services	1,132	1,129	1,087	4	45	0.3	4.2
Government	694	696	692	-3	1	-0.4	0.2
Goods Producing Industries[f]	1,323	1,323	1,304	0	19	0.0	1.5
Service Producing Industries[g]	3,462	3,457	3,367	5	95	0.1	2.8

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

[b]Changes are computed from unrounded numbers.

[c]Percentages are computed from unrounded numbers.

[d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics.

[e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.

[f]Includes Mining, Construction, and Manufacturing.

[g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance, and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,261	4,885	376	7.1	6.1	1987 June
5,272	4,895	377	7.2	6.0	July
5,242	4,877	365	7.0	6.0	August
5,213	4,921	292	5.6	5.9	September
5,231	4,910	321	6.1	6.0	October
5,270	4,946	324	6.1	5.9	November
5,279	4,949	330	6.3	5.8	December
5,324	4,981	343	6.4	5.8	1988 January
5,355	5,014	341	6.4	5.7	February
5,369	4,974	395	7.4	5.6	March
5,301	4,970	331	6.2	5.5	April
5,284	4,960	324	6.1	5.6	May
5,306	4,994	312	5.9	5.4	June
5,294	5,004	290	5.5	5.4	July
5,329	5,028	301	5.6	5.6	August
5,311	5,004	307	5.8	5.4	September
5,349	5,049	300	5.6	5.3	October
5,366	5,059	307	5.7	5.4	November
5,355	5,060	295	5.5	5.3	December
5,426	5,094	332	6.1	5.4	1989 January
5,432	5,152	280	5.2	5.1	February
5,428	5,144	284	5.2	5.0	March
5,381	5,093	288	5.4	5.3	April
5,434	5,138	296	5.4	5.2	May
5,490	5,183	307	5.6	5.3	June

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

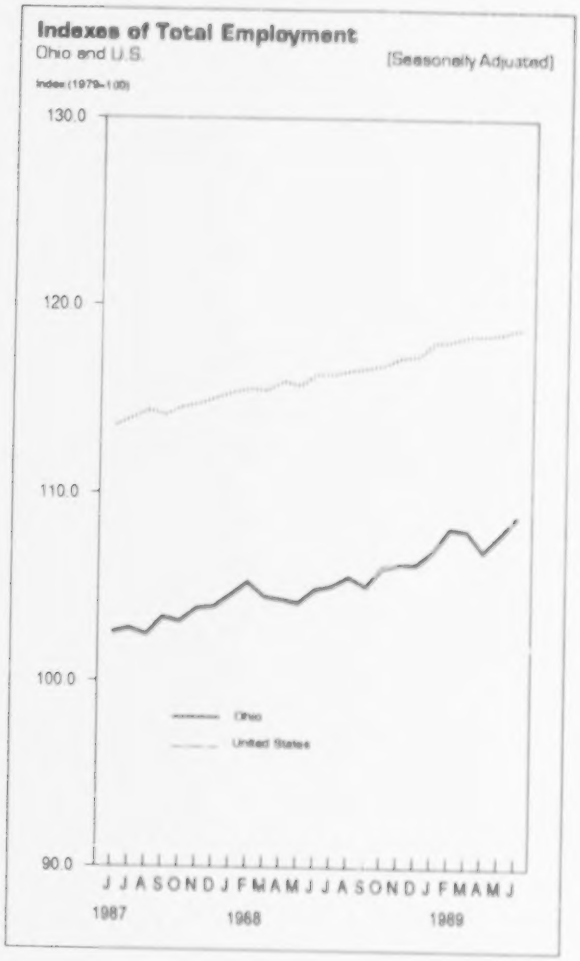
Total Nonagricultural Employment	Manufacturing Employment			
		Durable	Nondurable	
4,568	1,093	736	357	1987 June
4,576	1,091	732	359	July
4,588	1,098	739	359	August
4,596	1,101	743	358	September
4,617	1,105	745	360	October
4,631	1,106	746	360	November
4,650	1,110	748	362	December
4,637	1,104	744	360	1988 January
4,644	1,103	743	359	February
4,653	1,097	737	360	March
4,656	1,101	742	360	April
4,661	1,100	742	359	May
4,671	1,102	742	360	June
4,676	1,101	742	359	July
4,680	1,100	741	358	August
4,691	1,103	743	359	September
4,704	1,105	746	360	October
4,721	1,110	750	361	November
4,733	1,111	750	362	December
4,764	1,122	757	364	1989 January
4,772	1,118	754	364	February
4,777	1,114	751	363	March
4,778	1,110	748	362	April
4,780	1,107	747	360	May
4,785	1,107	747	360	June

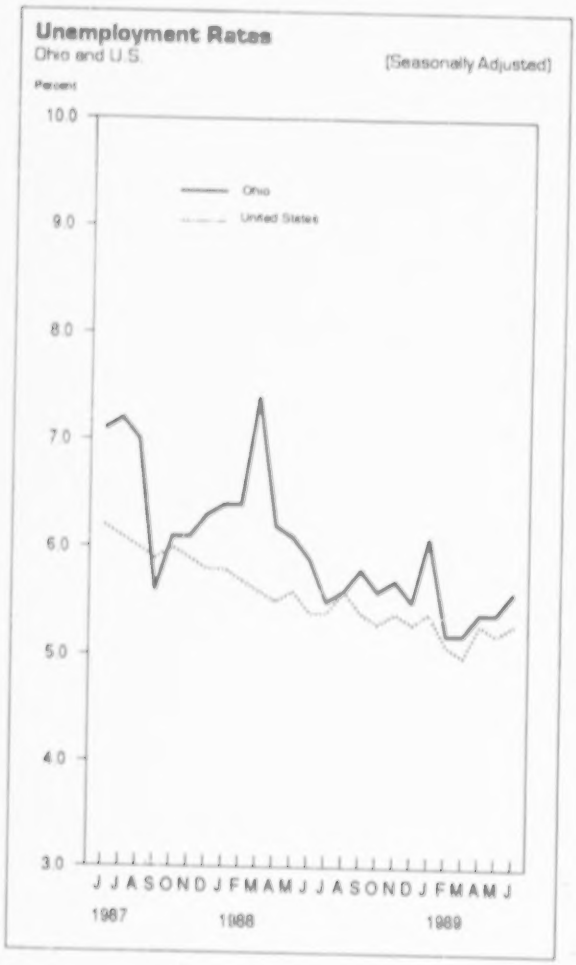
Nonmanufacturing Employment

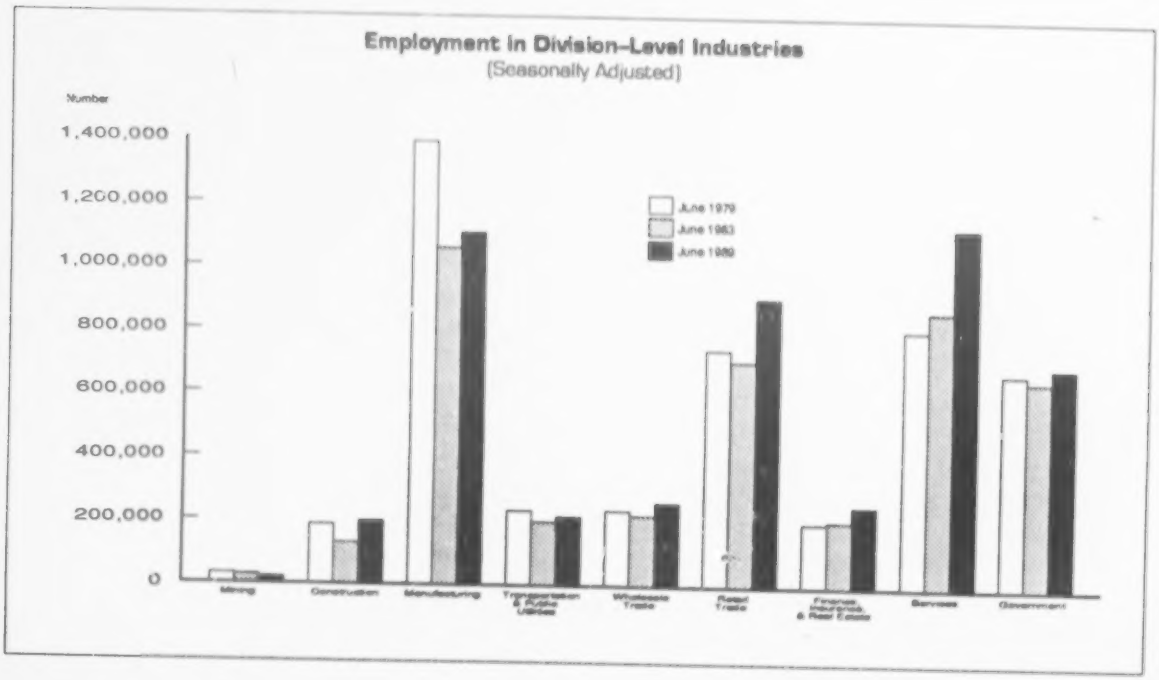
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government	
3,475	21	176	207	247	845	244	1048	688	1987 June
3,484	20	178	209	248	847	244	1053	685	July
3,490	21	176	209	248	849	245	1055	687	August
3,495	20	177	209	249	850	246	1059	685	September
3,512	21	178	209	251	856	247	1062	688	October
3,525	21	180	210	251	860	247	1067	691	November
3,540	21	183	210	252	863	248	1073	691	December
3,533	20	181	210	251	865	247	1068	691	1988 January
3,542	20	182	210	251	868	247	1073	690	February
3,557	19	185	211	252	872	248	1078	692	March
3,555	20	183	211	252	870	249	1079	691	April
3,561	19	182	211	253	871	249	1083	692	May
3,569	19	182	211	254	874	249	1087	692	June
3,575	19	182	212	255	876	250	1089	692	July
3,581	20	183	212	256	878	251	1093	689	August
3,589	19	184	212	256	880	251	1095	691	September
3,599	19	184	212	257	884	252	1097	693	October
3,611	19	186	213	258	887	252	1102	694	November
3,622	19	188	213	258	889	252	1108	693	December
3,642	19	196	213	259	896	253	1112	693	1989 January
3,654	19	197	213	260	899	254	1116	696	February
3,663	19	197	214	260	903	254	1120	696	March
3,668	19	196	215	261	902	255	1125	695	April
3,672	19	196	214	261	902	255	1129	696	May
3,678	20	197	214	261	906	255	1132	694	June

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.


Indexes of Total Employment
Ohio and U.S.
[Seasonally Adjusted]
Index (1979=100)
130.0
120.0
110.0
100.0
90.0
Ohio
United States
J J A S O N D J F M A M J J A S O N D J F M A M J
1987
1988
1989


Unemployment Rates
Ohio and U.S.
[Seasonally Adjusted]
Percent
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
Ohio
United States
J J A S O N D J F M A M J J A S O N D J F M A M J
1987
1988
1989


Employment in Division-Level Industries
(Seasonally Adjusted)
Number
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
June 1979
June 1983
June 1989
Mining
Construction
Manufacturing
Transportation & Public Utilities
Wholesale Trade
Retail Trade
Finance, Insurance, & Real Estate
Services
Government

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,254	4,887	367	7.0	6.2	1987
5,328	5,008	320	6.0	5.5	1988
					1988
5,353	5,028	325	6.1	5.5	June
5,366	5,093	274	5.1	5.5	July
5,376	5,076	301	5.6	5.4	August
5,287	4,985	302	5.7	5.2	September
5,365	5,087	278	5.2	5.0	October
5,400	5,113	287	5.3	5.2	November
5,352	5,066	286	5.4	5.0	December
					1989
5,384	5,015	369	6.9	6.0	January
5,380	5,063	317	5.9	5.6	February
5,375	5,068	307	5.7	5.2	March
5,357	5,085	273	5.1	5.1	April
5,419	5,143	277	5.1	5.0	May
5,537	5,216	321	5.8	5.5	June

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

Total Nonagricultural Employment	Manufacturing Employment			
		Durable	Nondurable	
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,124.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.6	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,124.3	768.7	355.5	1985
4,471.4	1,109.8	752.7	357.1	1986
4,582.6	1,098.9	740.4	358.4	1987
4,683.0	1,103.1	743.6	359.6	1988
				1988
4,715.4	1,107.6	746.9	360.7	June
4,678.8	1,100.8	741.5	359.4	July
4,679.1	1,102.1	740.5	361.6	August
4,731.7	1,110.5	745.6	364.9	September
4,757.7	1,110.3	747.8	362.5	October
4,834.7	1,115.7	753.3	362.3	November
4,781.8	1,115.1	752.5	362.6	December
				1989
4,669.0	1,112.2	751.4	360.8	January
4,671.4	1,107.3	747.9	359.4	February
4,707.6	1,106.9	748.1	358.8	March
4,761.0	1,107.1	748.4	358.7	April
4,811.3	1,107.5	748.7	358.8	May
4,831.2	1,112.2	751.0	361.1	June

Nonmanufacturing Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	
3,017.7	29.0	176.6	225.0	226.0	1978
3,102.5	31.6	182.9	232.1	232.8	1979
3,103.0	30.7	167.4	223.1	230.6	1980
3,085.1	30.7	153.7	217.2	232.5	1981
3,024.4	30.3	134.6	206.8	226.0	1982
3,026.5	26.6	130.8	198.5	222.5	1983
3,133.1	27.8	144.8	203.9	236.7	1984
3,248.6	26.1	154.0	202.7	243.7	1985
3,361.6	22.6	160.7	203.4	244.3	1986
3,483.7	20.9	176.4	207.8	248.0	1987
3,579.8	19.5	183.6	211.5	254.3	1988
					1988
3,607.8	19.6	191.2	213.1	255.8	June
3,578.0	19.8	199.5	213.4	256.1	July
3,577.0	19.8	202.5	213.9	256.3	August
3,621.2	19.8	202.0	214.8	256.5	September
3,647.4	19.8	203.0	215.0	258.4	October
3,719.0	19.7	197.4	214.7	258.5	November
3,666.6	19.5	188.0	215.3	259.1	December
					1989
3,556.9	18.9	167.0	208.7	256.9	January
3,564.1	18.6	162.2	208.5	256.9	February
3,600.8	18.7	170.8	209.7	257.8	March
3,653.9	19.0	184.7	212.8	259.7	April
3,703.7	19.2	197.0	214.3	261.3	May
3,719.0	19.7	206.2	215.8	263.3	June

Retail Trade	Finance, Insurance, & Real Estate	Services	Government	
730.4	191.1	772.1	667.5	1978
742.4	200.6	806.2	674.0	1979
726.6	203.8	830.9	689.9	1980
717.7	205.8	851.6	676.0	1981
703.4	206.4	857.3	659.6	1982
711.0	207.8	873.3	656.1	1983
748.0	211.5	905.2	655.2	1984
787.9	219.3	949.5	665.2	1985
818.6	232.3	1,001.0	678.9	1986
848.3	243.8	1,051.2	687.3	1987
876.5	249.8	1,087.8	696.8	1988
				1988
879.7	251.4	1,104.1	692.9	June
881.1	252.8	1,103.1	652.2	July
886.2	253.3	1,104.7	640.3	August
888.2	251.8	1,109.8	678.3	September
891.8	252.1	1,105.1	702.2	October
906.0	252.1	1,102.1	768.5	November
921.4	252.4	1,101.0	710.0	December
				1989
877.0	250.3	1,083.4	694.5	January
867.2	250.8	1,091.8	708.0	February
876.3	251.5	1,103.0	712.9	March
889.8	253.1	1,125.5	709.3	April
904.2	254.6	1,138.7	714.4	May
912.3	257.1	1,150.3	694.3	June

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Manufacturing Employment

Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)	
1,377.2	974.5	402.7	1978
1,382.3	980.5	401.8	1979
1,264.3	882.6	381.8	1980
1,232.6	860.4	372.2	1981
1,099.9	752.4	347.5	1982
1,066.0	723.6	342.4	1983
1,127.0	773.4	353.6	1984
1,124.3	768.7	355.5	1985
1,109.8	752.7	357.1	1986
1,098.9	740.4	358.4	1987
1,103.1	743.6	359.6	1988
			1988
1,107.6	746.9	360.7	June
1,100.8	741.5	359.4	July
1,102.1	740.5	361.6	August
1,110.5	745.6	364.9	September
1,110.3	747.8	362.5	October
1,115.7	753.3	362.3	November
1,115.1	752.5	362.6	December
			1989
1,112.2	751.4	360.8	January
1,107.3	747.9	359.4	February
1,106.9	748.1	358.8	March
1,107.1	748.4	358.7	April
1,107.5	748.7	358.8	May
1,112.2	751.0	361.1	June

Production Workers in Manufacturing

Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)	
985.5	$302.5	41.5	1978
979.0	318.5	40.6	1979
867.8	301.9	35.2	1980
847.7	330.4	34.7	1981
735.7	297.1	29.5	1982
721.6	315.4	29.9	1983
781.5	362.3	33.1	1984
773.4	369.7	32.5	1985
758.5	369.1	31.9	1986
751.4	375.5	32.0	1987
759.1	391.7	32.6	1988
			1988
762.4	397.8	33.0	June
754.9	379.4	31.9	July
756.7	382.1	32.1	August
765.9	399.6	33.2	September
765.5	400.4	33.1	October
771.1	410.1	33.7	November
770.1	411.5	33.7	December
			1989
766.2	404.1	33.1	January
762.0	400.1	32.8	February
761.4	400.2	32.7	March
761.4	397.0	32.5	April
761.1	397.5	32.5	May
764.5	402.1	32.7	June

Production Worker Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$306.91	$316.83	$279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
486.68	507.95	439.71	1986
499.70	519.52	455.03	1987
516.00	538.59	465.47	1988
			1988
521.77	547.87	464.62	June
502.52	521.85	461.47	July
504.98	525.21	460.22	August
521.77	545.38	469.63	September
523.06	546.69	467.84	October
531.83	557.80	472.43	November
534.36	557.80	479.62	December
			1989
527.47	551.06	472.36	January
525.03	547.67	472.63	February
525.53	549.41	470.50	March
521.37	542.59	473.71	April
522.22	543.46	471.86	May
526.01	547.75	477.77	June

Production Worker Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods	
42.1	42.3	41.5	1978
41.5	41.6	41.1	1979
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
42.1	42.4	41.6	1986
42.6	42.9	41.9	1987
43.0	43.4	42.2	1988
			1988
43.3	43.9	42.2	June
42.3	42.6	41.8	July
42.4	42.7	41.8	August
43.3	43.7	42.5	September
43.3	43.7	42.3	October
43.7	44.2	42.6	November
43.8	44.2	42.9	December
			1989
43.2	43.7	42.1	January
43.0	43.5	41.9	February
42.9	43.5	41.6	March
42.7	43.2	41.7	April
42.7	43.2	41.5	May
42.8	43.3	41.8	June

Production Worker Average Hourly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$ 7.29	$ 7.49	$ 6.73	1978
7.84	8.06	7.25	1979
8.57	8.81	7.96	1980
9.53	9.82	8.80	1981
10.07	10.37	9.38	1982
10.56	10.90	9.77	1983
10.96	11.35	10.02	1984
11.38	11.81	10.31	1985
11.56	11.98	10.57	1986
11.73	12.11	10.86	1987
12.00	12.41	11.03	1988
			1988
12.05	12.48	11.01	June
11.88	12.25	11.04	July
11.91	12.30	11.01	August
12.05	12.48	11.05	September
12.08	12.51	11.06	October
12.17	12.62	11.09	November
12.20	12.62	11.18	December
			1989
12.21	12.61	11.22	January
12.21	12.59	11.28	February
12.25	12.63	11.31	March
12.21	12.56	11.36	April
12.23	12.58	11.37	May
12.29	12.65	11.43	June

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Employment
(thousands)

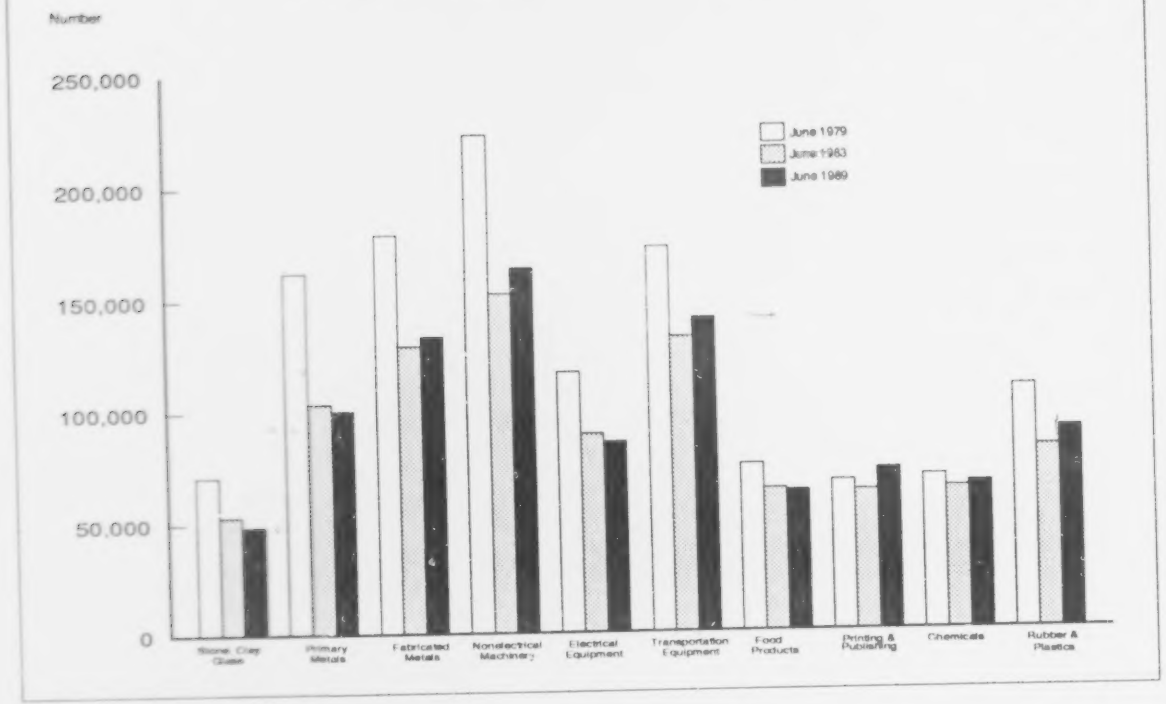
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.4	95.8	133.1	1987	155.2	86.7	149.0	1987	63.1	70.5	91.9
47.8	99.9	133.0	1988	158.7	86.3	141.8	1988	62.5	71.5	90.8
			1988				1988			
48.7	100.3	134.5	June	158.2	86.6	141.9	June	62.4	71.3	91.4
48.6	98.5	132.7	July	158.8	85.4	140.9	July	62.2	71.3	90.0
48.7	99.1	131.1	August	158.6	86.0	140.5	August	63.7	71.4	90.6
48.3	101.1	133.3	September	159.9	86.0	139.4	September	66.4	71.8	90.9
48.2	100.9	133.5	October	160.4	86.6	140.6	October	63.9	72.0	91.5
48.4	101.6	134.4	November	161.7	86.9	142.6	November	63.4	72.0	91.8
47.8	102.0	134.8	December	162.7	86.8	140.9	December	63.4	72.3	91.5
			1989				1989			
47.0	101.3	134.9	January	163.0	86.5	141.6	January	62.5	71.9	91.3
46.7	100.7	133.6	February	163.1	85.7	141.0	February	61.1	71.8	91.3
47.4	100.2	133.2	March	163.2	85.6	141.0	March	61.1	71.7	90.9
48.0	100.1	133.5	April	163.2	85.4	140.3	April	61.2	71.5	90.7
48.0	100.0	133.6	May	163.4	85.1	140.0	May	61.7	71.8	90.0
48.6	100.4	133.3	June	163.8	85.3	140.4	June	62.7	72.1	90.1

Average Weekly Earnings of Production Workers

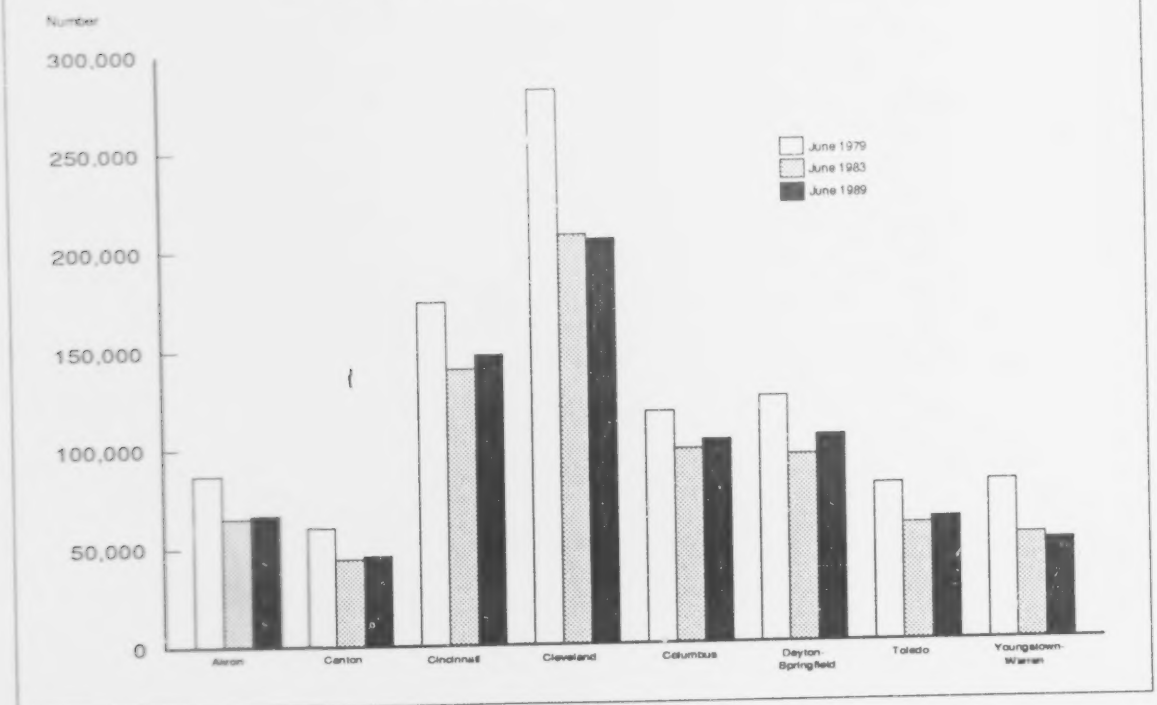
$274.81	$366.24	$307.23	1978	$306.16	$268.45	$389.66	1978	$281.15	$285.18	$282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
463.30	626.44	516.77	1988	526.48	472.50	675.24	1988	446.04	445.22	448.24
			1988				1988			
469.15	642.16	531.73	June	531.19	471.66	690.53	June	438.88	441.00	451.62
458.53	607.31	498.80	July	517.65	457.56	639.64	July	447.30	440.27	434.70
457.69	619.10	500.83	August	508.26	464.80	653.17	August	456.22	445.61	434.84
470.42	632.80	517.97	September	530.64	474.47	698.88	September	446.45	452.63	453.96
468.47	628.60	522.97	October	537.14	470.12	699.79	October	440.37	448.33	454.14
473.90	639.77	531.29	November	545.13	477.99	717.02	November	452.83	449.80	459.46
463.01	636.55	531.73	December	549.70	484.65	721.82	December	456.89	463.65	459.72
			1989				1989			
462.34	629.95	520.22	January	551.15	481.38	702.15	January	441.08	445.02	460.42
463.49	619.89	512.40	February	543.22	470.40	714.48	February	440.18	451.61	451.93
465.38	621.72	511.20	March	545.43	466.34	724.23	March	449.35	454.31	442.68
470.98	624.34	512.48	April	541.11	464.26	683.99	April	455.20	447.70	446.69
464.88	620.64	515.82	May	538.74	462.73	691.75	May	455.10	446.18	453.05
466.82	639.58	507.53	June	538.74	461.32	710.77	June	467.67	450.04	455.39

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

Employment in Major Manufacturing Industries



Manufacturing Employment in Metropolitan Areas



Nonagricultural Wage and Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	4831.2	4811.3	4715.4	19.9	115.8
Manufacturing	1112.2	1107.5	1107.6	4.7	4.6
Durable Goods[e]	751.0	748.7	746.9	2.3	4.1
Lumber and wood products	24.7	24.1	22.3	.6	2.4
Furniture and fixtures	14.8	14.8	15.4	.0	-.6
Stone, clay, and glass products	48.6	48.0	48.7	.6	-.1
Glass and glassware, pressed or blown	8.8	8.7	8.8	.1	.0
Primary metal industries	100.4	100.0	100.3	.3	.0
Blast furnace and basic steel products	45.7	45.2	45.7	.5	-.1
Iron and steel foundries	20.2	20.1	19.8	.1	.4
Nonferrous rolling and drawing	17.2	17.4	17.8	-.3	-.7
Fabricated metal products	133.3	133.6	134.5	-.3	-1.2
Cutlery, hand tools, and hardware	9.4	9.8	10.3	-.4	-.8
Fabricated structural metal products	28.5	28.2	28.2	.3	.3
Metal forgings and stampings	40.5	40.9	42.3	-.4	-1.8
Machinery, except electrical	163.8	163.4	158.2	.4	5.6
Construction and related machinery	13.8	13.7	13.6	.1	.2
Metalworking machinery	43.2	42.8	41.3	.4	2.0
Special industry machinery	18.0	18.3	17.2	-.3	.7
General industrial machinery	28.9	28.8	28.1	.1	.9
Office and computing machines	12.3	12.2	12.9	.0	-.7
Refrigeration and service machinery	16.7	16.3	16.0	.4	.7
Electric and electronic equipment	85.3	85.1	86.6	.2	-1.3
Electrical industrial apparatus	17.8	17.6	17.2	.1	.6
Household appliances	15.4	15.1	16.0	.3	-.6
Electric lighting and wiring equipment	16.9	16.9	17.0	-.1	-.1
Communication equipment	9.2	9.3	9.5	.0	-.3
Transportation equipment	140.4	140.0	141.9	.4	-1.5
Motor vehicles and equipment	95.2	95.2	95.4	.0	-.2
Aircraft and parts	36.3	36.0	38.6	.3	-2.2
Instruments and related products	24.5	24.7	24.3	-.2	.3
Measuring and controlling devices	13.3	13.4	13.4	-.1	-.1
Nondurable Goods[f]	361.1	358.8	360.7	2.4	.4
Food and kindred products	62.7	61.7	62.4	1.0	.2
Meat products	8.9	8.8	8.9	.1	.0
Dairy products	9.5	9.4	9.7	.1	-.2
Preserved fruits and vegetables	11.8	11.6	11.4	.2	.4
Bakery products	9.6	9.3	9.5	.3	.1
Beverages	9.1	8.8	9.2	.2	-.1
Apparel and other textile products	15.8	16.0	15.1	-.3	.6
Paper and allied products	37.0	36.8	37.3	.2	-.3
Misc. converted paper products	12.1	12.0	12.0	.2	.1
Paperboard containers and boxes	13.1	13.0	13.1	.1	.0
Printing and publishing	72.1	71.8	71.3	.3	.8
Newspapers	18.9	18.7	18.8	.2	.1
Commercial printing	28.4	28.2	27.9	.1	.4
Chemicals and allied products	65.7	65.2	64.9	.5	.8
Industrial inorganic chemicals	8.8	8.9	9.1	-.1	-.3
Rubber and misc. plastics products	90.1	90.0	91.4	.2	-1.3
Tires and inner tubes	14.4	14.4	14.7	.0	-.3
Miscellaneous plastics products	55.5	55.5	56.3	.0	-.8

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Nonmanufacturing	3719.0	3703.7	3607.8	15.3	111.2
Mining	19.7	19.2	19.6	.5	.1
Bituminous coal and lignite mining	7.8	7.7	8.0	.1	-.2
Oil and gas extraction	6.6	6.4	6.6	.2	.0
Construction	206.2	197.0	191.2	9.2	14.9
General building contractors	51.6	49.1	48.9	2.5	2.7
Heavy construction contractors	27.5	25.8	25.5	1.7	2.0
Highway and street construction	10.6	9.5	10.2	1.0	.4
Special trade contractors	127.1	122.0	116.8	5.1	10.3
Transportation and Public Utilities	215.8	214.3	213.1	1.5	2.6
Railroad transportation	13.1	13.1	13.6	.0	-.4
Transportation, except railroads	115.0	113.9	110.4	1.1	4.6
Trucking and warehousing	77.5	76.7	75.5	.8	2.0
Communication, electric, gas services	87.7	87.3	89.2	.4	-1.5
Communication	45.9	45.7	47.1	.2	-1.2
Electric, gas, and sanitary services	41.8	41.6	42.1	.2	-.3
Wholesale Trade	263.3	261.3	255.8	2.0	7.5
Wholesale trade-durable goods	166.5	165.4	161.9	1.1	4.6
Motor vehicles & automotive equipment	23.3	23.1	22.8	.1	.5
Electrical goods	18.5	18.4	18.4	.1	.0
Machinery, equipment, and supplies	71.1	70.7	69.2	.5	2.0
Wholesale trade-nondurable goods	96.8	95.9	93.9	.9	2.9
Groceries and related products	31.0	30.5	30.2	.4	.8
Retail Trade	912.3	904.2	879.7	8.1	32.7
General merchandise stores	120.0	119.7	117.3	.3	2.7
Department stores	102.2	102.0	101.0	.2	1.1
Food stores	145.9	145.1	138.4	.9	7.6
Automotive dealers & service stations	99.4	98.2	96.4	1.3	3.0
Apparel and accessory stores	45.8	45.7	43.7	.1	2.1
Eating and drinking places	314.0	309.6	308.3	4.3	5.7
Finance, Insurance, and Real Estate	257.1	254.6	251.4	2.5	5.7
Banking	65.2	64.6	64.0	.6	1.2
Credit agencies other than banks	38.7	38.5	38.5	.2	.2
Insurance carriers	70.8	70.3	69.9	.4	.9
Life insurance	26.2	26.1	25.9	.1	.3
Fire, marine, and casualty insurance	31.2	31.0	31.0	.2	.2
Services	1150.3	1138.7	1104.1	11.6	46.2
Hotels and other lodging places	39.4	38.2	37.7	1.3	1.8
Personal services	58.5	58.3	56.4	.3	2.2
Laundry, cleaning, & garment services	19.5	19.3	18.8	.2	.7
Business services	239.4	236.5	222.4	2.8	17.0
Services to buildings	33.3	32.9	31.9	.4	1.4
Computer and data processing services	23.3	23.2	21.4	.2	1.9
Amusement and recreation services	54.4	48.0	54.5	6.4	-.1
Health services	382.0	379.2	369.9	2.7	12.1
Nursing and personal care facilities	84.1	83.5	81.5	.6	2.6
Hospitals	186.4	185.2	182.0	1.1	4.3
Educational services	59.3	64.4	57.9	-5.1	1.4
Colleges and universities	30.2	34.3	29.3	-4.2	.9
Government	694.3	714.4	692.9	-20.1	1.4
Federal government	96.1	95.9	94.8	.2	1.3
State government	155.8	164.9	153.9	-9.1	2.0
State government education	79.5	90.0	78.0	-10.5	1.4
State government, except education	76.4	75.0	75.8	1.4	.6
Local government	442.4	453.6	444.3	-11.2	-1.9
Local government education	250.0	266.7	254.3	-16.7	-4.3
Local government, except education	192.4	186.9	190.0	5.5	2.4

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$526.01	$522.22	$521.77	42.8	42.7	43.3	$12.29	$12.23	$12.05
Durable Goods[e]	547.75	543.46	547.87	43.3	43.2	43.9	12.65	12.58	12.48
Lumber and wood products	346.04	337.02	317.75	42.2	41.1	41.7	8.20	8.20	7.62
Furniture and fixtures	387.39	387.07	359.24	41.7	41.8	40.5	9.29	9.26	8.87
Stone, clay, and glass products	466.82	464.88	469.15	42.4	42.3	43.2	11.01	10.99	10.86
Glass and glassware, pressed or blown	498.54	489.14	491.10	42.0	41.7	42.3	11.87	11.73	11.61
Primary metal industries	639.58	620.64	642.16	45.2	44.3	46.0	14.15	14.01	13.96
Blast furnace and basic steel products	670.42	634.48	666.92	46.3	44.4	46.9	14.48	14.29	14.22
Iron and steel foundries	653.51	662.52	668.45	44.7	45.1	46.1	14.62	14.69	14.50
Nonferrous rolling and drawing	657.90	645.24	654.05	42.2	42.2	43.2	15.59	15.29	15.14
Fabricated metal products	507.53	515.82	531.73	42.4	42.7	43.8	11.97	12.08	12.14
Cutlery, hand tools, and hardware	505.90	502.10	509.16	40.7	40.2	41.7	12.43	12.49	12.21
Fabricated structural metal products	448.86	455.94	456.45	41.6	42.1	42.5	10.79	10.83	10.74
Metal forgings and stampings	622.21	647.97	671.14	43.0	44.2	46.0	14.47	14.66	14.59
Machinery, except electrical	538.74	538.74	531.19	43.8	43.8	43.9	12.30	12.30	12.10
Construction and related machinery	445.37	439.52	424.77	41.2	41.0	41.2	10.81	10.72	10.31
Metalworking machinery	523.44	515.37	499.26	44.7	44.2	44.3	11.71	11.66	11.27
Special industry machinery	528.26	510.67	517.30	45.5	44.6	45.1	11.61	11.45	11.47
General industrial machinery	570.26	566.28	555.06	43.9	44.0	43.5	12.99	12.87	12.76
Office and computing machines	468.68	453.05	433.13	42.3	41.0	40.9	11.08	11.05	10.59
Refrigeration and service machinery	623.04	639.47	662.57	44.0	44.5	45.6	14.16	14.37	14.53
Electric and electronic equipment	461.32	462.73	471.66	41.3	41.5	42.0	11.17	11.15	11.23
Electrical industrial apparatus	474.58	473.93	482.45	43.7	43.6	43.7	10.86	10.87	11.04
Household appliances	489.14	490.45	479.57	39.8	40.3	40.3	12.29	12.17	11.90
Electric lighting and wiring equipment	460.00	470.61	488.78	40.0	40.5	42.1	11.50	11.62	11.61
Communication equipment	509.15	508.98	482.30	42.5	42.7	40.7	11.98	11.92	11.85
Transportation equipment	710.77	691.75	690.53	44.9	44.6	45.4	15.83	15.51	15.21
Motor vehicles and equipment	741.38	719.80	726.08	45.4	45.1	46.1	16.33	15.96	15.75
Aircraft and parts	638.88	627.40	595.95	44.0	43.6	43.5	14.52	14.39	13.70
Instruments and related products	375.46	378.40	367.08	39.9	40.0	39.9	9.41	9.46	9.20
Measuring and controlling devices	370.56	372.88	351.50	38.4	38.6	38.0	9.65	9.66	9.25
Nondurable Goods[f]	477.77	471.86	464.62	41.8	41.5	42.2	11.43	11.37	11.01
Food and kindred products	467.67	455.10	438.88	42.4	41.6	41.6	11.03	10.94	10.55
Meat products	366.30	387.89	367.52	40.7	42.3	40.7	9.00	9.17	9.03
Dairy products	480.26	459.19	463.31	43.7	42.4	43.3	10.99	10.83	10.70
Preserved fruits and vegetables	494.38	465.61	464.96	42.4	40.7	41.7	11.66	11.44	11.15
Bakery products	489.65	466.72	470.37	40.3	38.7	40.1	12.15	12.06	11.73
Beverages	470.45	437.60	440.79	43.2	41.4	41.9	10.89	10.57	10.52
Apparel and other textile products	297.20	293.75	302.04	38.2	38.1	39.9	7.78	7.71	7.57
Paper and allied products	498.78	486.21	498.61	43.6	42.8	44.4	11.44	11.36	11.23
Misc. converted paper products	441.52	425.46	427.00	42.7	42.0	42.7	10.34	10.13	10.00
Paperboard containers and boxes	440.15	423.90	443.98	42.9	41.6	43.4	10.26	10.19	10.23
Printing and publishing	450.04	446.18	441.00	39.1	38.9	39.2	11.51	11.47	11.25
Newspapers	376.97	381.48	375.49	33.9	34.0	34.8	11.12	11.22	10.79
Commercial printing	449.55	437.10	431.08	40.5	39.7	40.1	11.10	11.01	10.75
Chemicals and allied products	583.19	573.40	552.97	42.6	42.1	42.7	13.69	13.62	12.95
Industrial inorganic chemicals	605.82	594.86	592.70	43.9	43.2	44.1	13.80	13.77	13.44
Rubber and misc. plastics products	455.39	453.05	451.62	42.6	42.7	43.3	10.69	10.61	10.43
Tires and inner tubes	709.17	696.76	683.85	46.2	45.9	46.3	15.35	15.18	14.77
Miscellaneous plastics products	441.58	439.21	433.87	42.5	42.6	43.0	10.39	10.31	10.09

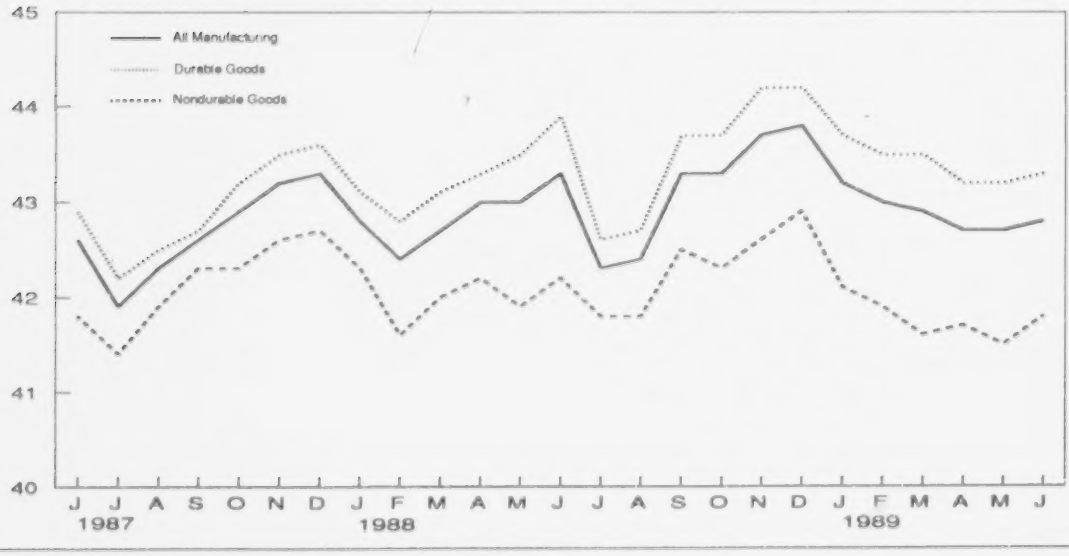
See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

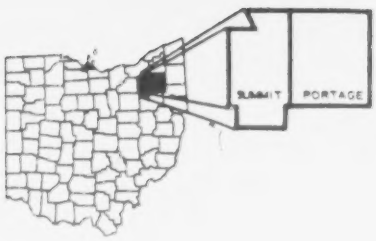
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Mining	$577.15	$583.00	$538.16	43.2	44.0	43.4	$13.36	$13.25	$12.40
Bituminous coal and lignite mining	703.42	707.85	636.73	42.4	42.9	41.4	16.59	16.50	15.38
Construction	581.01	588.26	589.74	37.9	38.6	39.5	15.33	15.24	14.93
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	591.00	577.13	560.69	41.3	40.7	40.6	14.31	14.18	13.81
Communication	570.38	552.00	538.80	40.8	40.0	40.0	13.98	13.80	13.47
Electric, gas, and sanitary services	613.21	607.36	587.47	41.8	41.6	41.4	14.67	14.60	14.19
Wholesale Trade	402.34	403.90	390.00	39.1	39.1	39.0	10.29	10.33	10.00
Wholesale trade-durable goods	391.33	393.51	385.92	38.9	39.0	39.1	10.06	10.09	9.87
Wholesale trade-nondurable goods	420.79	421.01	397.56	39.4	39.2	38.9	10.68	10.74	10.22
Retail Trade[h]	174.53	173.03	166.75	28.8	28.6	28.9	6.06	6.05	5.77
General merchandise stores	182.82	182.47	179.38	28.7	28.6	28.7	6.37	6.38	6.25
Department stores	189.15	188.79	183.74	29.1	29.0	28.8	6.50	6.51	6.38
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	268.58	269.20	268.99	....	....	....	.....	.....	.....
Credit agencies other than banks	280.00	277.26	268.47	....	....	....	.....	.....	.....
Insurance carriers	392.11	389.01	371.02	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	352.08	348.08	338.31	32.6	32.5	33.2	10.80	10.71	10.19

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Average Weekly Hours of Production Workers in Ohio Manufacturing Industries

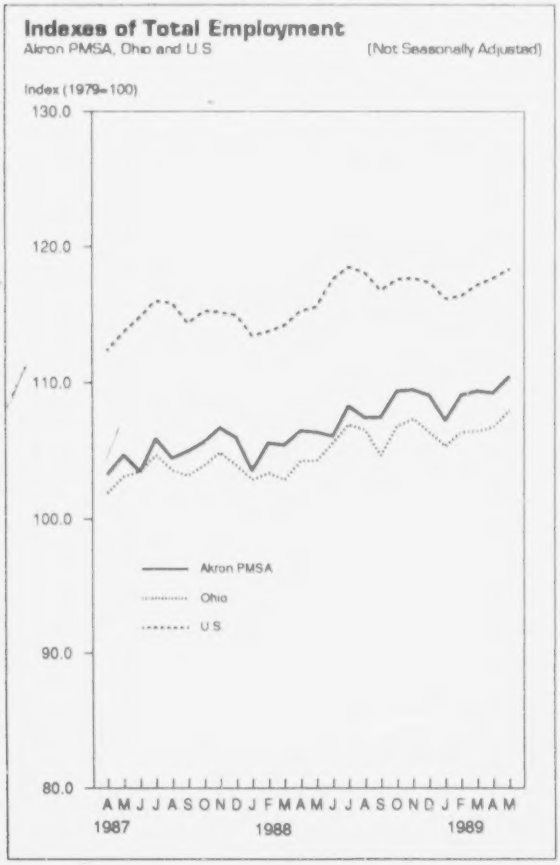


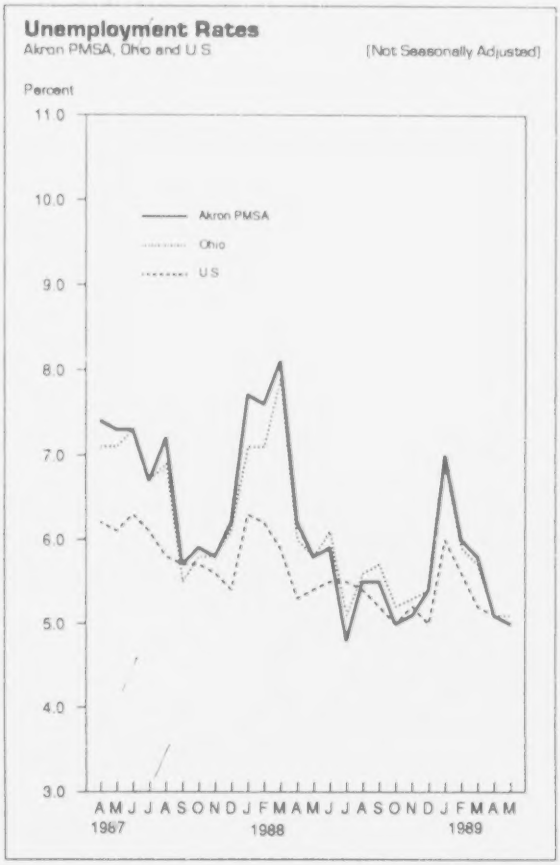
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Akron metropolitan area declined 4,100 from the May level to 278,900 in June 1989. Seasonal layoffs of nonteaching personnel in state and local schools and colleges (-7,300) negated moderate gains in services and construction. Slight improvements in nonelectrical machinery and food and kindred products increased manufacturing employment 200 over the month to 66,200. Factory production workers averaged $11.26 per hour, down $.21 from May. Their average workweek of 41.9 hours was .7 hours shorter.

Total nonfarm wage and salary employment advanced 8,600 between June 1988 and June 1989. The growth was concentrated in the nonmanufacturing sector with significant expansion in services, especially business services, and retail trade. Noteworthy improvements also occurred in state and local schools and colleges, construction, and wholesale trade. The manufacturing workforce decreased 200 during the period. Reductions in durable-goods employment, particularly in fabricated metal products, outweighed scattered increases among producers of nondurable goods.



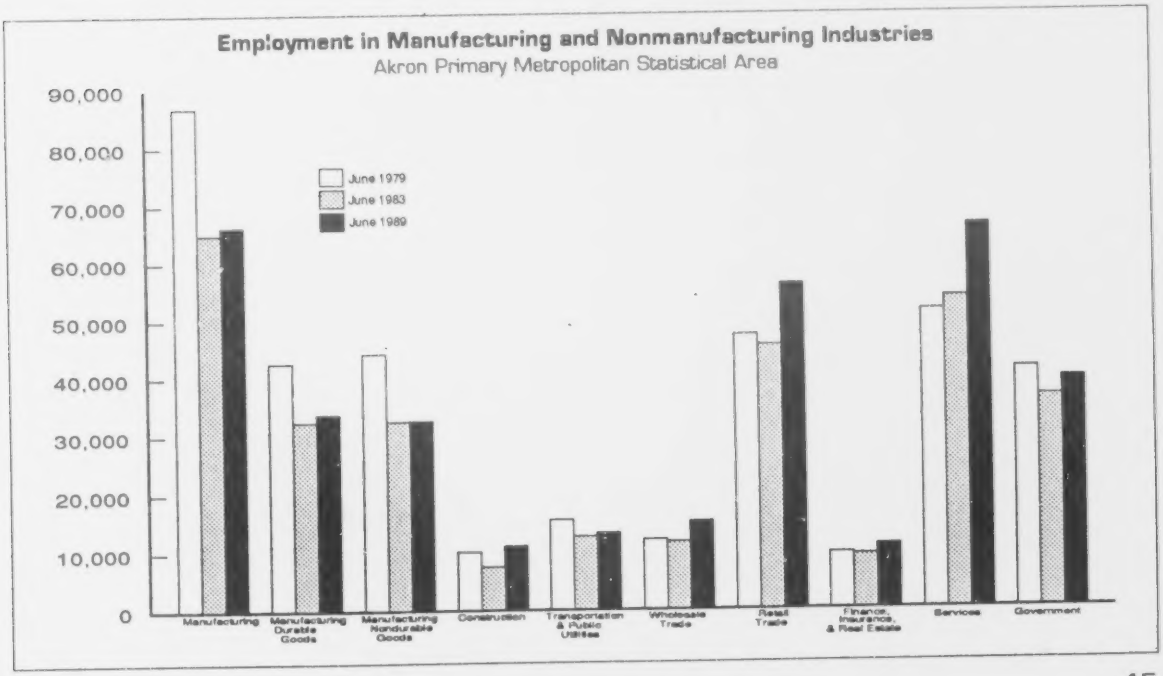


Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
298.9	282.2	16.7	5.6	1978	266.8	85.9	49.4	$304.14	42.3	$ 7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
325.3	305.6	19.7	6.0	1988	271.9	65.8	37.5	496.37	43.2	11.49
				1988						
322.4	303.8	18.6	5.8	May	273.8	65.8	37.6	504.88	43.3	11.66
322.0	302.9	19.1	5.9	June	270.4	66.4	38.0	518.62	44.1	11.76
324.5	309.1	15.5	4.8	July	270.6	66.0	37.7	493.93	43.1	11.46
324.7	306.7	17.9	5.5	August	269.0	64.8	36.5	480.53	42.6	11.28
324.8	306.9	17.9	5.5	September	276.8	65.4	37.3	489.89	43.2	11.34
328.7	312.2	16.5	5.0	October	277.2	65.4	37.5	488.78	42.8	11.42
329.3	312.4	16.9	5.1	November	281.7	67.0	39.2	496.78	42.9	11.58
329.3	311.3	17.9	5.4	December	279.7	66.6	39.0	493.06	43.1	11.44
				1989						
329.4	306.2	23.2	7.0	January	268.3	66.8	39.1	489.77	42.7	11.47
331.3	311.4	19.9	6.0	February	273.8	66.3	38.9	483.36	42.4	11.40
331.2	312.1	19.1	5.8	March	276.6	66.1	38.7	488.49	42.7	11.44
328.6	311.8	16.7	5.1	April	279.0	66.1	38.9	485.18	42.3	11.47
331.9	315.3	16.6	5.0	May	283.1	66.0	38.8	488.62	42.6	11.47
INA	INA	INA	INA	June	278.9	66.2	39.1	471.79	41.9	11.26

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	278.9	283.1	270.4	-4.1	8.5
Manufacturing	66.2	66.0	66.4	.2	-.2
Durable Goods[e]	33.7	33.7	34.3	0	-.7
Fabricated metal products	10.8	11.0	11.3	-.1	-.4
Machinery, except electrical	9.6	9.6	9.5	.1	.1
Metalworking machinery	3.5	3.4	3.4	.0	.1
Nondurable Goods[f]	32.6	32.3	32.1	.2	.4
Food and kindred products	2.9	2.8	3.0	.1	-.1
Chemicals and allied products	3.5	3.5	3.6	.0	-.0
Rubber and misc. plastics products	19.4	19.4	19.3	.0	.0
Tires and inner tubes	10.1	10.1	10.5	.0	-.4
Nonmanufacturing[g]	212.7	217.1	203.9	-4.4	8.8
Construction	11.0	10.4	10.2	.6	.8
Transportation and Public Utilities	13.2	13.1	13.0	.1	.3
Communication, electric, gas services	4.8	4.8	4.9	.0	-.1
Wholesale Trade	15.1	15.0	14.5	.2	.7
Retail Trade	56.0	55.7	53.3	.3	2.7
General merchandise stores	6.4	6.4	6.3	.0	.1
Finance, Insurance, and Real Estate	10.9	10.8	10.7	.1	.2
Banking	3.2	3.1	3.1	.1	.1
Services	66.2	65.1	63.1	1.1	3.1
Business services	14.5	14.3	13.1	.1	1.3
Amusement and recreation services	4.6	4.1	4.1	.5	.5
Health services	20.5	20.4	20.1	.1	.4
Government	39.5	46.3	38.5	-6.8	1.0
State government	11.3	17.1	10.9	-5.9	.4
State government education[h]	8.3	14.2	7.8	-6.0	.4
State government, except education	3.0	2.9	3.1	.1	.0
Local government	25.7	26.6	25.2	-.9	.5
Local government education	13.7	15.1	13.3	-1.3	.4
Local government, except education	12.0	11.5	11.9	.5	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$471.79	$488.62	$518.62	41.9	42.6	44.1	$11.26	$11.47	$11.76
Durable Goods[e]	478.30	508.26	546.68	41.7	43.0	44.7	11.47	11.82	12.23
Fabricated metal products	573.09	656.23	731.68	41.2	44.4	48.2	13.91	14.78	15.18
Machinery, except electrical	460.86	452.44	462.95	44.7	44.4	44.6	10.31	10.19	10.38
Metalworking machinery	496.68	485.37	498.34	45.4	44.9	46.4	10.94	10.81	10.74
Nondurable Goods[f]	463.36	462.42	479.33	42.2	42.0	43.3	10.98	11.01	11.07
Food and kindred products	415.67	414.54	448.12	42.2	42.0	42.8	9.85	9.87	10.47
Chemicals and allied products	488.76	499.66	488.97	40.9	41.5	41.9	11.95	12.04	11.67
Rubber and misc. plastics products	483.41	487.45	510.75	43.2	43.6	45.0	11.19	11.18	11.35
Tires and inner tubes	818.06	818.06	821.94	49.7	49.7	50.3	16.46	16.46	16.18
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	594.92	581.19	562.47	41.4	40.9	40.7	14.37	14.21	13.82
Wholesale Trade	353.65	347.33	353.51	36.8	36.6	38.3	9.61	9.49	9.23
Retail Trade[h]	213.20	213.20	198.11	32.6	32.6	31.8	6.54	6.54	6.23

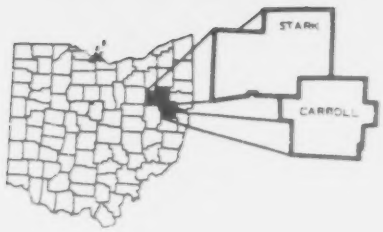
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Akron PMSA

	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	2,593	1,945	2,619
Active File of Job Seekers	13,929	14,927	17,303
Referrals to Jobs	1,910	957	1,511
Placements	967	514	641
Job Openings Received	1,685	504	1,475
Job Openings Unfilled	1,805	1,561	1,993
Unemployment Insurance Program			
Initial Claims	1,914	2,068	2,133
Continued Claims	17,351	22,492	19,968
First Payments	843	886	880
Last Payments	483	413	437
Weeks Compensated	16,954	18,216	17,328
Benefits Paid	$2,568,906	$2,798,006	$2,550,683
Average Weekly Payment	$157.94	$159.37	$151.30

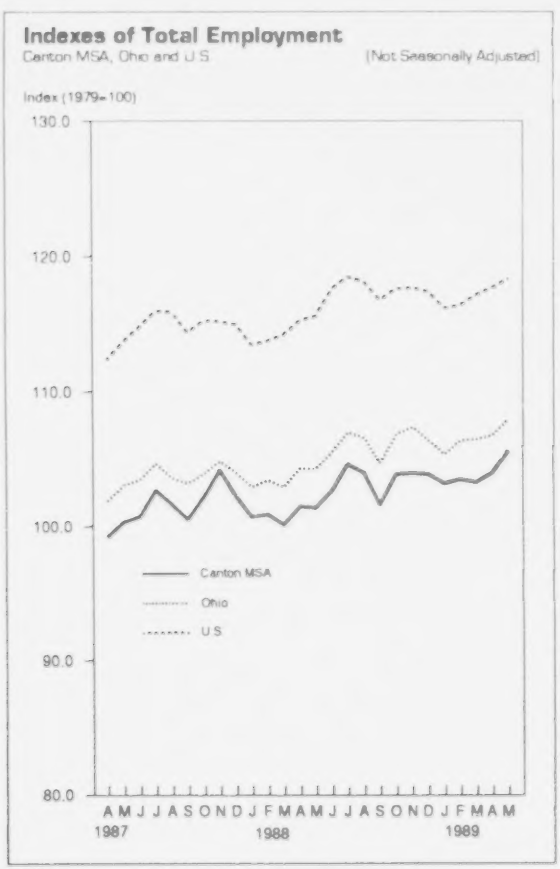
CANTON
METROPOLITAN STATISTICAL AREA

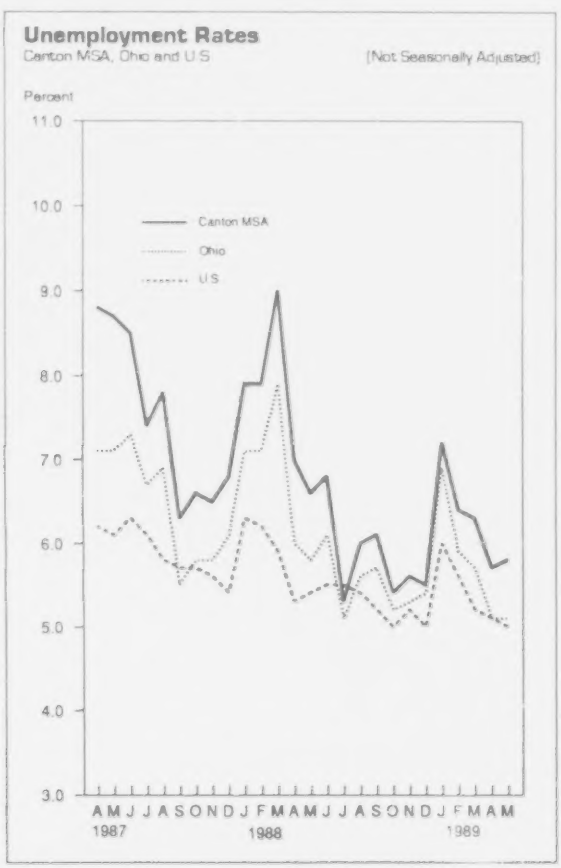


Note: Canton metropolitan area statistics are no longer funded and validated by the U.S. Bureau of Labor Statistics.

Nonfarm wage and salary employment in the Canton metropolitan area rose 600 above the May level to 165,600 in June 1989. More business in services, construction, and retail trade overshadowed seasonal layoffs of nonteaching personnel in local schools. Manufacturing employment was unchanged over the month at 45,800. A slight increase in fabricated metal products offset a decline in rubber and miscellaneous plastics products. Factory production worker average hourly earnings of $11.80 were down fractionally from May. Their average workweek remained at 42.1 hours.

Nonagricultural payroll employment advanced 4,800 between June 1988 and June 1989. Noteworthy expansion occurred in retail trade, services, and construction. The manufacturing workforce added 700 jobs over the year due to marginal improvements in primary metal industries, fabricated metal products, and food and kindred products. Employment in rubber and miscellaneous plastics products declined.



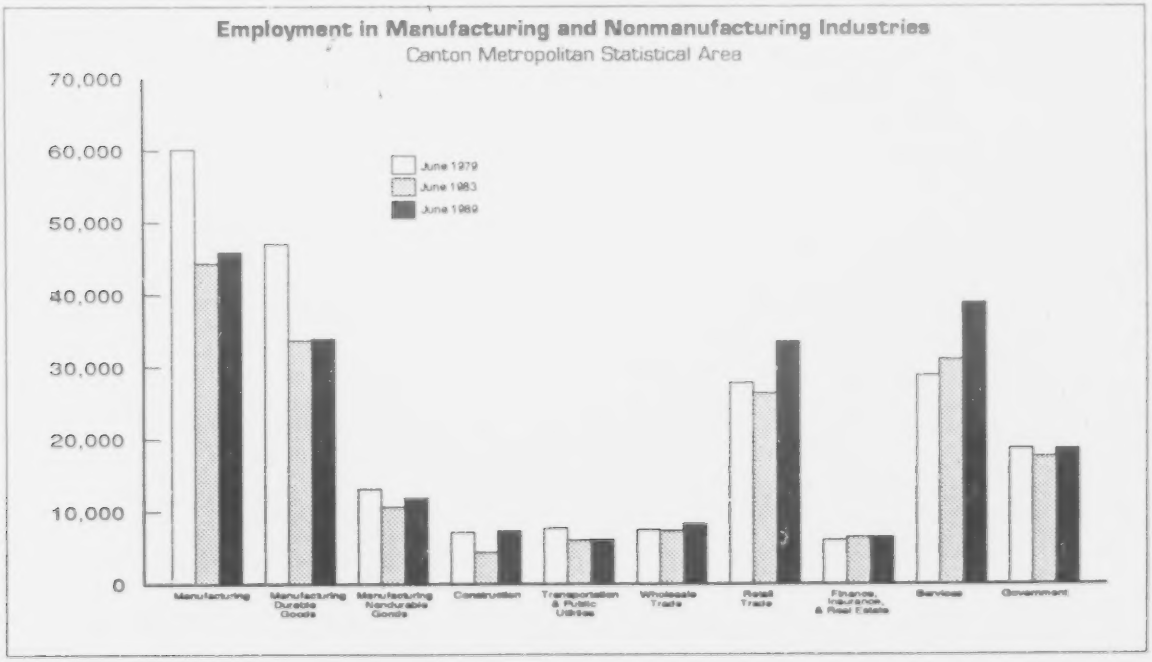


Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	$304.67	40.3	$ 7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	159.5	44.9	32.1	489.49	42.9	11.41
				1988						
188.7	176.2	12.5	6.6	May	159.7	44.6	31.7	492.05	43.2	11.39
191.5	178.4	13.1	6.8	June	160.8	45.1	32.3	485.78	42.8	11.35
191.9	181.7	10.2	5.3	July	160.6	45.2	32.3	475.88	42.3	11.25
192.3	180.6	11.6	6.0	August	159.7	44.7	31.8	474.47	42.1	11.27
188.0	176.5	11.5	6.1	September	160.9	45.1	32.2	487.34	42.6	11.44
190.9	180.5	10.3	5.4	October	162.2	45.3	32.4	493.78	42.9	11.51
191.4	180.7	10.7	5.6	November	163.6	45.4	32.7	490.78	42.9	11.44
191.0	180.5	10.4	5.5	December	163.0	45.7	33.0	499.23	43.0	11.61
				1989						
193.0	179.2	13.9	7.2	January	160.0	46.0	33.2	500.39	43.1	11.61
192.1	179.7	12.3	6.4	February	159.1	45.3	32.5	491.90	42.7	11.52
191.5	179.4	12.1	6.3	March	160.0	45.2	32.4	497.03	42.3	11.75
191.7	180.7	11.0	5.7	April	162.7	45.5	32.7	496.27	42.2	11.76
194.6	183.4	11.3	5.8	May	165.0	45.8	32.9	497.20	42.1	11.81
INA	INA	INA	INA	June	165.6	45.8	32.9	496.78	42.1	11.80

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	165.6	165.0	160.8	.6	4.8
Manufacturing	45.8	45.8	45.1	.0	.7
Durable Goods[e]	33.9	33.9	33.2	.0	.7
Primary metal industries	11.5	11.6	11.2	.0	.3
Fabricated metal products	6.7	6.6	6.7	.1	1
Metal forgings and stampings	2.3	2.3	2.1	.0	.2
Nondurable Goods[f]	11.9	11.9	11.9	.0	.0
Food and kindred products	3.4	3.4	3.3	.0	1
Rubber and misc. plastics products	2.9	3.0	3.0	-.1	-.1
Nonmanufacturing[g]	119.8	119.2	115.7	.6	4.1
Construction	7.3	6.9	6.5	.4	.8
Transportation and Public Utilities	6.1	6.0	5.8	.0	.2
Communication, electric, gas services	2.7	2.7	2.7	.0	.0
Wholesale Trade	8.2	8.0	8.0	.1	.2
Wholesale trade-durable goods	4.5	4.4	4.4	.0	.1
Retail Trade	33.5	33.2	31.8	.3	1.7
General merchandise stores	4.0	4.0	3.9	.0	.1
Food stores	5.8	5.8	5.3	.0	.5
Finance, Insurance, and Real Estate	6.4	6.3	6.4	.0	.0
Banking	1.8	1.8	1.8	.0	.0
Services	38.9	38.4	37.4	.5	1.5
Health services	15.4	15.4	15.2	.1	.2
Government	18.6	19.4	18.9	-.8	-.3
State government (includes education)	1.7	1.7	1.7	-.1	.0
Local government	15.5	16.3	15.7	-.8	-.2
Local government education	9.1	10.0	9.2	-.9	-.1
Local government, except education	6.4	6.3	6.5	.1	-.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$496.78	$497.20	$485.78	42.1	42.1	42.8	$11.80	$11.81	$11.35
Durable Goods[e]	528.90	530.19	512.00	43.0	43.0	43.5	12.30	12.33	11.77
Primary metal industries	620.93	617.32	603.94	46.2	46.0	46.6	13.44	13.42	12.96
Fabricated metal products	483.62	475.02	452.15	41.3	40.6	42.1	11.71	11.70	10.74
Metal forgings and stampings	570.99	562.38	569.23	41.8	40.9	40.2	13.66	13.75	14.16
Nondurable Goods[f]	397.55	395.58	406.59	39.4	39.4	40.7	10.09	10.04	9.99
Food and kindred products	406.46	440.90	409.81	37.6	39.9	38.3	10.81	11.05	10.70
Rubber and misc. plastics products	408.36	396.76	411.64	41.5	41.2	41.0	9.84	9.63	10.04
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	581.15	567.99	546.72	41.1	40.6	40.2	14.14	13.99	13.60
Wholesale Trade	388.47	378.24	382.50	38.5	37.9	37.5	10.09	9.98	10.20
Retail Trade[h]	166.16	163.84	160.56	28.5	28.2	29.3	5.83	5.81	5.48

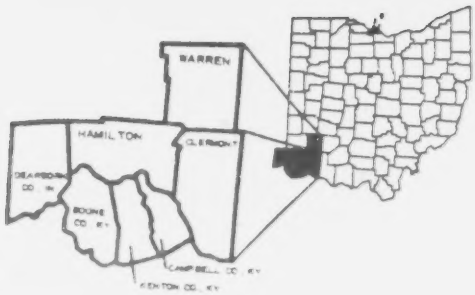
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Canton MSA

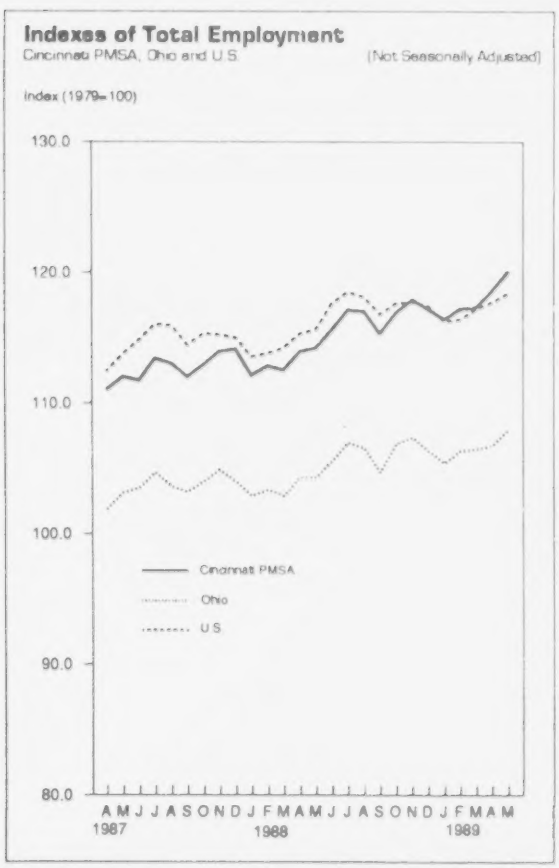
	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	1,082	1,231	1,542
Active File of Job Seekers	9,908	10,473	12,069
Referrals to Jobs	481	752	1,147
Placements	61	186	190
Job Openings Received	249	329	681
Job Openings Unfilled	327	465	1,409
Unemployment Insurance Program			
Initial Claims	2,015	2,073	1,520
Continued Claims	11,952	14,462	13,158
First Payments	743	701	588
Last Payments	221	222	220
Weeks Compensated	11,698	11,380	11,262
Benefits Paid	$1,740,656	$1,741,553	$1,586,247
Average Weekly Payment	$155.02	$159.41	$145.29

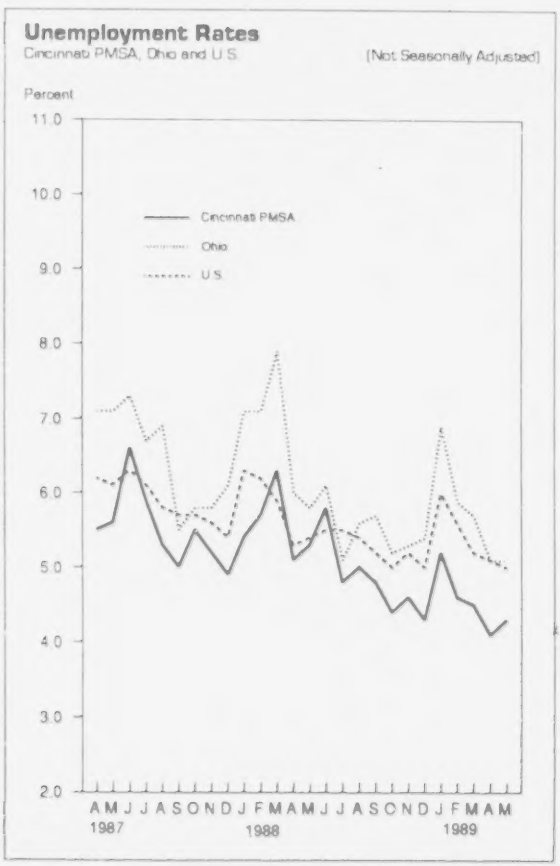
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



In the Cincinnati metropolitan area, nonfarm payroll employment increased 3,700 from May to 734,400 in June 1989. More business in services, especially amusement and recreation services, construction, and retail trade outweighed seasonal layoffs of nonteaching personnel in local schools and colleges. Modest gains in nonelectrical machinery, transportation equipment, and food and kindred products helped raise manufacturing employment 900 to 147,400. Factory production workers averaged $11.48 per hour, up $.10 from May. Their average workweek of 43.1 hours was .6 hours longer.

Nonagricultural wage and salary employment advanced 30,200 between June 1988 and June 1989. Although nearly all nonmanufacturing sectors recorded notable growth, leading areas of expansion were services, especially business and health services, retail trade, construction, and transportation and public utilities. Manufacturing employment rose 3,200 during the period due to gains in nonelectrical machinery, food and kindred products, and electric and electronic equipment. Employment in transportation equipment declined.



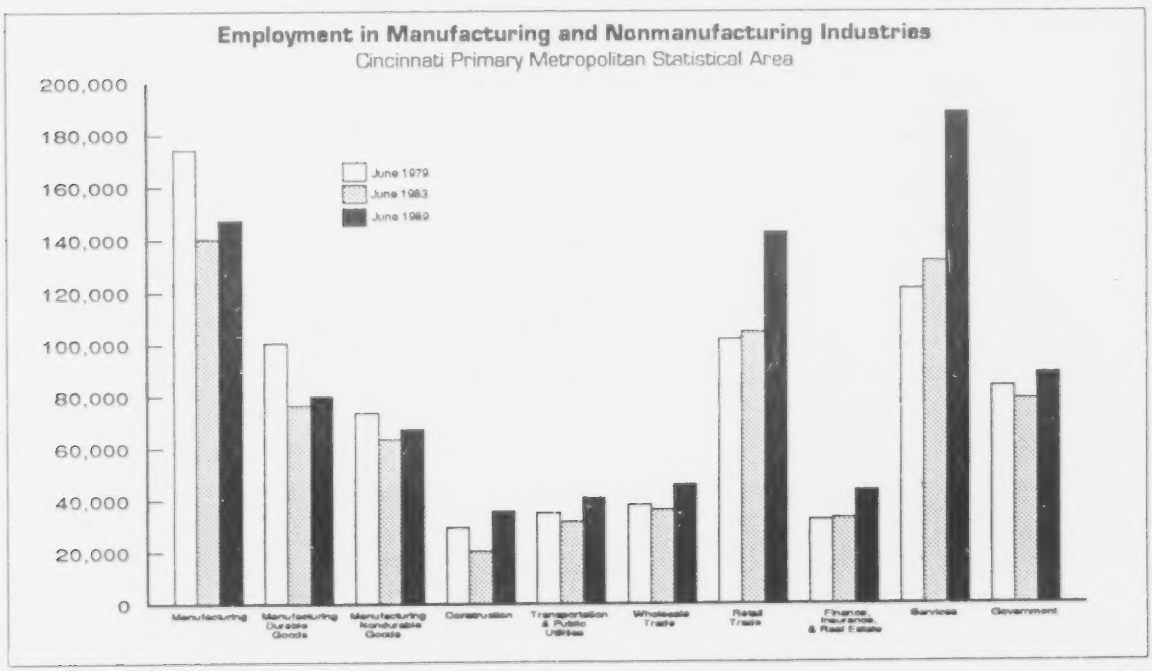


Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	$286.70	42.1	$ 6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.3	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
762.7	723.7	39.0	5.1	1988	700.2	144.5	91.7	473.88	42.5	11.15
				1988						
757.6	717.2	40.4	5.3	May	700.1	143.7	91.4	465.63	42.1	11.06
770.7	726.0	44.7	5.8	June	704.2	144.2	91.5	466.62	42.0	11.11
772.6	735.8	36.8	4.8	July	701.8	144.3	91.5	461.76	41.6	11.10
773.7	735.0	38.7	5.0	August	705.1	145.3	92.2	476.15	42.4	11.23
760.7	724.2	36.5	4.8	September	711.9	145.8	92.7	483.75	43.0	11.25
768.5	734.3	34.2	4.4	October	712.4	145.3	92.0	484.18	43.0	11.26
776.3	740.8	35.5	4.6	November	720.5	146.3	92.6	487.46	43.1	11.31
768.8	736.1	32.7	4.3	December	718.6	146.6	92.6	492.86	43.5	11.33
				1989						
771.2	730.9	40.3	5.2	January	703.5	145.4	91.8	487.92	42.8	11.40
771.5	736.3	35.3	4.6	February	704.3	145.1	91.7	493.21	43.0	11.47
772.0	736.9	35.1	4.5	March	711.1	145.1	91.6	487.05	42.5	11.46
776.6	744.9	31.7	4.1	April	722.3	145.8	91.9	491.34	42.8	11.48
788.3	754.1	34.2	4.3	May	730.7	146.5	92.4	483.65	42.5	11.38
INA	INA	INA	INA	June	734.4	147.4	92.8	494.79	43.1	11.48

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	734.4	730.7	704.2	3.7	30.2
Manufacturing	147.4	146.5	144.2	.9	3.2
Durable Goods[e]	80.1	79.6	78.4	.6	1.8
Fabricated metal products	10.8	10.8	10.6	.0	.2
Fabricated structural metal products	3.7	3.7	3.8	.0	-.1
Machinery, except electrical	21.8	21.5	20.6	.3	1.2
Metalworking machinery	8.9	8.8	8.7	.1	.2
General industrial machinery	3.1	3.1	2.9	.0	.2
Electric and electronic equipment	9.1	9.0	8.6	.0	.4
Transportation equipment	23.5	23.3	24.1	.2	-.6
Motor vehicles and equipment	4.9	5.0	4.9	-.1	.1
Nondurable Goods[f]	67.2	66.9	65.8	.3	1.4
Food and kindred products	13.1	12.9	12.4	.2	.7
Beverages	3.5	3.5	3.4	.0	.1
Apparel and other textile products	3.7	3.7	3.4	.0	.3
Paper and allied products	6.2	6.1	6.0	.1	.3
Printing and publishing	13.4	13.5	13.1	-.1	.2
Commercial printing	6.2	6.3	6.0	-.1	.2
Chemicals and allied products	22.7	22.6	22.6	.1	.1
Rubber and misc. plastics products	6.1	6.0	5.9	.1	.1
Nonmanufacturing[g]	587.0	584.2	560.0	2.8	27.0
Construction	35.7	34.5	32.1	1.2	3.6
Transportation and Public Utilities	40.8	40.3	37.9	.5	2.9
Trucking and warehousing	11.6	11.4	10.6	.2	1.0
Communication, electric, gas services	16.0	15.7	15.4	.3	.6
Wholesale Trade	46.0	45.7	44.5	.3	1.5
Wholesale trade-durable goods	27.0	26.9	26.2	.1	.8
Retail Trade	142.8	141.8	134.8	1.0	8.0
General merchandise stores	20.1	20.1	19.4	.0	.7
Finance, Insurance, and Real Estate	43.8	43.3	42.5	.5	1.4
Banking	9.6	9.4	9.1	.1	.5
Insurance carriers	14.5	14.4	14.5	.1	.0
Services	188.4	186.1	180.2	2.3	8.2
Hotels and other lodging places	8.1	7.8	7.8	.3	.3
Personal services	9.5	9.4	8.9	.1	.6
Business services	46.3	45.9	42.2	.4	4.1
Amusement and recreation services	12.3	10.7	13.0	1.6	-.6
Health services	55.3	55.1	53.9	.2	1.4
Hospitals	26.3	26.2	25.7	.1	.7
Government	88.9	91.9	87.6	-3.0	1.3
Federal government	15.4	15.8	15.1	-.4	.3
State government	20.6	21.2	19.9	-.6	.8
State government education	12.5	13.2	12.0	-.8	.5
State government, except education	8.2	8.0	7.9	.2	.3
Local government	52.8	54.9	52.6	-2.0	.3
Local government education	28.7	31.3	29.4	-2.6	-.7
Local government, except education	24.2	23.6	23.2	.6	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$494.79	$483.65	$466.62	43.1	42.5	42.0	$11.48	$11.38	$11.11
Durable Goods[e]	489.02	477.39	469.45	43.2	42.7	42.6	11.32	11.18	11.02
Fabricated metal products	408.24	404.34	419.16	42.0	41.9	42.0	9.72	9.65	9.98
Fabricated structural metal products	454.71	444.98	447.34	43.1	42.5	43.6	10.55	10.47	10.26
Machinery, except electrical	445.60	438.42	430.42	42.6	42.4	42.7	10.46	10.34	10.08
Metalworking machinery	488.41	484.66	493.06	44.2	44.1	44.5	11.05	10.99	11.08
General industrial machinery	442.88	437.19	438.22	42.3	42.2	45.6	10.47	10.36	9.61
Electric and electronic equipment	371.13	366.71	326.09	41.1	40.7	39.1	9.03	9.01	8.34
Transportation equipment	775.88	740.12	720.90	47.6	46.2	46.6	16.30	16.02	15.47
Motor vehicles and equipment	919.00	855.85	895.96	51.6	49.3	51.7	17.81	17.36	17.33
Nondurable Goods[f]	500.52	490.26	465.22	43.0	42.3	41.5	11.64	11.59	11.21
Food and kindred products	524.35	501.62	482.98	44.1	42.8	41.6	11.89	11.72	11.61
Beverages	510.38	511.19	519.58	40.7	40.7	41.5	12.54	12.56	12.52
Apparel and other textile products	232.50	232.99	217.19	37.5	37.7	37.0	6.20	6.18	5.87
Paper and allied products	480.41	483.27	422.35	44.4	44.5	41.9	10.82	10.86	10.08
Printing and publishing	469.94	448.72	446.23	40.9	39.5	39.7	11.49	11.36	11.24
Commercial printing	504.74	469.77	475.27	43.4	41.1	41.8	11.63	11.43	11.37
Chemicals and allied products	593.21	585.50	556.62	43.3	42.8	42.2	13.70	13.68	13.19
Rubber and misc. plastics products	442.83	447.92	401.76	45.7	45.8	43.2	9.69	9.78	9.30
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	585.26	579.98	563.70	41.1	40.7	40.7	14.24	14.25	13.85
Wholesale Trade	421.65	420.80	406.42	40.7	40.5	40.4	10.36	10.39	10.06
Retail Trade[h]	173.16	168.76	167.83	29.2	28.7	29.6	5.93	5.88	5.67
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	263.47	265.35	260.77	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

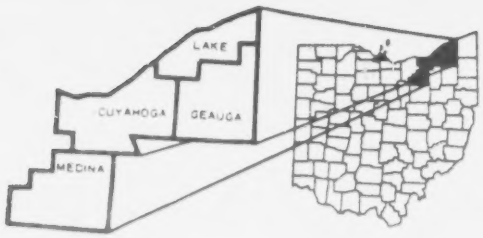
Selected Administrative Program Activities[a]

Cincinnati PMSA

	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	2,811	3,046	2,916
Active File of Job Seekers	15,746	15,684	21,335
Referrals to Jobs	1,489	1,953	1,850
Placements	134	315	599
Job Openings Received	937	891	1,295
Job Openings Unfilled	1,546	1,682	1,883
Unemployment Insurance Program			
Initial Claims	3,600	3,787	4,157
Continued Claims	29,318	34,497	39,185
First Payments	1,721	2,025	1,660
Last Payments	577	468	747
Weeks Compensated	27,750	26,566	31,220
Benefits Paid	$4,402,231	$4,249,934	$4,874,757
Average Weekly Payment	$163.02	$166.61	$158.37

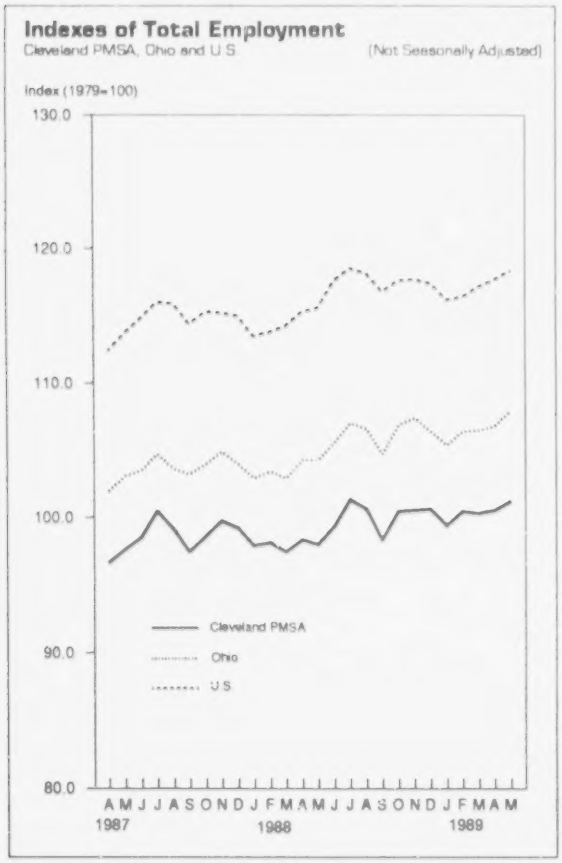
[a] Ohio data only

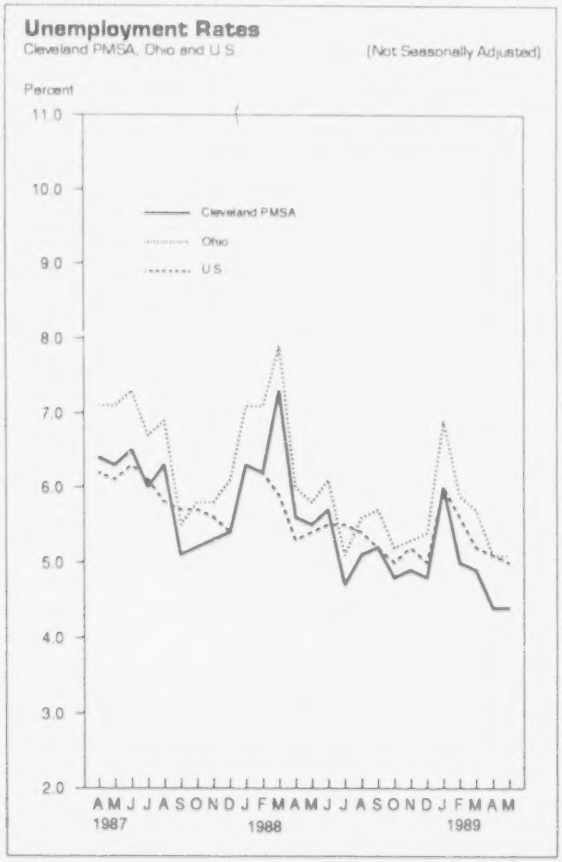
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



Total nonfarm payroll employment in the Cleveland metropolitan area rose 6,400 above the May level to 933,200 in June 1989. Continued expansion in services, retail trade, and construction more than offset seasonal layoffs of nonteaching personnel in local schools and colleges, raising nonmanufacturing employment 5,800. The manufacturing workforce increased 500 to 205,400. Modest gains in chemicals and allied products, primary metal industries, and electric and electronic equipment outweighed reductions in transportation equipment, especially motor vehicles and equipment. Factory production workers averaged $11.97 per hour, unchanged from May. Their average workweek of 43.4 hours was .4 hours longer.

Nonagricultural wage and salary employment advanced 22,200 between June 1988 and June 1989. The leading growth industry was services (+10,600) with notable gains in business and health services. Significant expansion also was recorded in retail trade, finance, insurance, and real estate, wholesale trade, and construction. Manufacturing employment increased 3,200 during the period with moderate improvements in nonelectrical machinery, chemicals and allied products, primary metal industries, fabricated metal products, and printing and publishing.



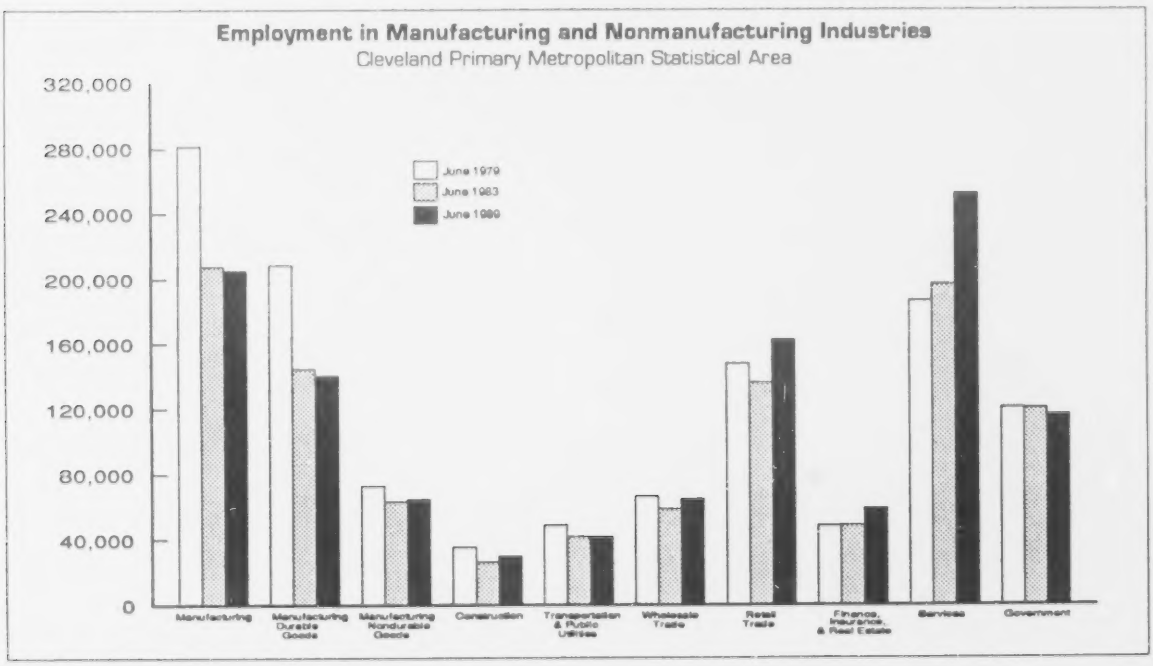


Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	$321.75	42.9	$ 7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
933.7	882.3	51.4	5.5	1988	904.6	201.7	130.1	512.67	43.3	11.84
				1988						
922.0	871.3	50.7	5.5	May	902.7	200.6	129.2	513.42	43.4	11.83
936.6	883.0	53.5	5.7	June	911	202.2	130.4	518.28	43.7	11.86
945.7	901.1	44.6	4.7	July	911.2	200.8	128.7	499.16	42.7	11.69
943.0	894.6	48.5	5.1	August	907.4	200.9	128.9	503.43	42.7	11.79
921.6	873.7	47.9	5.2	September	911.4	202.8	130.9	514.51	43.2	11.91
937.2	892.3	45.0	4.8	October	917.1	203.7	131.8	517.76	43.4	11.93
939.4	893.8	45.6	4.9	November	926.2	204.5	133.0	528.12	43.9	12.03
939.6	894.4	45.2	4.8	December	924.5	205.4	133.7	538.25	44.3	12.15
				1989						
940.3	883.9	56.4	6.0	January	902.1	204.4	132.7	527.90	43.7	12.08
939.7	892.4	47.3	5.0	February	902.8	204.7	132.5	520.80	43.4	12.00
938.3	892.2	46.1	4.9	March	909.3	204.9	132.7	522.44	43.5	12.01
934.6	893.2	41.4	4.4	April	917.2	204.9	132.6	519.17	43.3	11.99
941.8	900.0	41.8	4.4	May	926.9	204.8	131.9	514.71	43.0	11.97
INA	INA	INA	INA	June	933.2	205.4	132.1	519.50	43.4	11.97

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	933.2	926.9	911.0	6.4	22.2
Manufacturing	205.4	204.8	202.2	.5	3.2
Durable Goods[e]	140.6	140.8	138.4	-.2	2.2
Primary metal industries	21.7	21.5	21.4	.2	.4
Iron and steel foundries	4.5	4.5	4.7	.0	-.2
Fabricated metal products	32.7	32.7	32.4	.0	.3
Fabricated structural metal products	4.1	4.1	3.8	.0	.3
Screw machine products, bolts, etc.	5.0	4.9	4.9	.1	.1
Metal forgings and stampings	10.9	10.9	11.0	-.1	-.2
Machinery, except electrical	30.6	30.7	29.7	-.1	.9
Construction and related machinery	2.6	2.6	2.6	.0	.1
Metalworking machinery	10.4	10.4	10.0	.0	.5
Special industry machinery	2.5	2.6	2.6	-.1	-.1
General industrial machinery	3.3	3.3	3.1	.0	.2
Electric and electronic equipment	18.1	18.0	18.2	.2	-.1
Electrical industrial apparatus	6.8	6.7	6.5	.1	.3
Transportation equipment	19.2	19.7	19.1	-.5	.0
Motor vehicles and equipment	12.1	12.5	11.9	-.4	.2
Instruments and related products	6.5	6.6	6.4	-.1	.1
Measuring and controlling devices	4.5	4.6	4.3	-.1	.2
Nondurable Goods[f]	64.8	64.1	63.8	.7	1.0
Food and kindred products	6.6	6.6	6.6	.1	.1
Apparel and other textile products	3.5	3.5	3.6	-.1	-.1
Paper and allied products	5.9	5.9	5.9	.1	.1
Printing and publishing	16.2	16.1	15.9	.1	.3
Chemicals and allied products	15.5	15.2	15.0	.3	.5
Rubber and misc. plastics products	11.4	11.4	11.4	.0	.0
Nonmanufacturing[g]	727.8	722.0	708.8	5.8	19.1
Construction	30.0	28.4	29.0	1.5	1.0
Transportation and Public Utilities	41.8	41.5	41.6	.3	.2
Trucking and warehousing	12.2	12.1	12.1	.2	.2
Communication, electric, gas services	17.1	17.1	17.6	.0	-.4
Wholesale Trade	64.5	64.2	63.1	.4	1.5
Wholesale trade-durable goods	44.8	44.6	43.8	.2	1.0
Retail Trade	162.7	161.1	158.4	1.6	4.3
General merchandise stores	20.6	20.5	20.2	.1	.4
Finance, Insurance, and Real Estate	59.2	58.5	57.2	.7	2.0
Banking	14.4	14.3	14.1	.1	.2
Credit agencies other than banks	9.0	8.9	8.8	.2	.2
Insurance carriers	14.6	14.5	14.0	.1	.7
Services	252.0	250.0	241.5	2.1	10.6
Business services	58.5	57.6	54.8	.9	3.7
Amusement and recreation services	9.1	8.2	9.1	.9	.0
Health services	79.1	78.7	76.7	.4	2.3
Hospitals	44.2	44.0	43.6	.2	.6
Government	116.6	117.4	117.3	-.8	-.7
Federal government	20.8	20.7	21.0	.0	-.2
State government	8.5	8.1	8.6	.3	-.1
State government education	3.4	3.1	3.3	.3	.0
State government, except education	5.1	5.0	5.3	.1	-.2
Local government	87.4	88.5	87.7	-1.2	-.3
Local government education	42.5	44.9	43.5	-2.5	-1.0
Local government, except education	44.9	43.6	44.2	1.3	.7

Hours and Earnings of Production or Nonsupervisory Workers[a]

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$519.50	$514.71	$518.28	43.4	43.0	43.7	$11.97	$11.97	$11.86
Durable Goods[e]	547.80	545.31	560.35	44.0	43.8	44.9	12.45	12.45	12.48
Primary metal industries	569.42	550.26	607.85	45.7	44.7	47.6	12.46	12.31	12.77
Iron and steel foundries	889.56	917.45	897.39	50.4	51.6	50.7	17.65	17.78	17.70
Fabricated metal products	541.01	548.96	569.70	43.7	44.2	45.0	12.38	12.42	12.66
Fabricated structural metal products	427.57	446.73	400.08	42.8	44.1	40.7	9.99	10.13	9.83
Screw machine products, bolts, etc.	569.16	565.65	562.12	45.1	45.0	47.0	12.62	12.57	11.96
Metal forgings and stampings	665.87	676.01	744.96	44.9	45.4	48.5	14.83	14.89	15.36
Machinery, except electrical	516.22	528.19	508.45	43.6	44.2	43.2	11.84	11.95	11.77
Construction and related machinery	450.40	447.12	404.90	46.1	46.0	44.3	9.77	9.72	9.14
Metalworking machinery	507.76	502.55	439.93	44.0	43.7	41.0	11.54	11.50	10.73
Special industry machinery	479.64	493.08	474.50	41.1	42.0	40.8	11.67	11.74	11.63
General industrial machinery	493.64	517.18	487.49	43.0	44.7	43.8	11.48	11.57	11.13
Electric and electronic equipment	471.49	464.40	460.40	42.4	41.8	42.2	11.12	11.11	10.91
Electrical industrial apparatus	539.90	534.80	525.83	44.4	43.8	44.6	12.16	12.21	11.79
Transportation equipment	737.81	719.22	767.39	45.6	44.7	48.6	16.18	16.09	15.79
Motor vehicles and equipment	839.58	810.93	851.62	47.3	46.0	49.0	17.75	17.63	17.38
Instruments and related products	409.70	405.60	413.53	41.3	41.3	42.5	9.92	9.92	9.73
Measuring and controlling devices	443.50	446.04	431.81	41.8	42.0	41.6	10.61	10.62	10.38
Nondurable Goods[f]	447.68	436.81	416.98	41.8	40.9	40.8	10.71	10.68	10.22
Food and kindred products	460.31	462.01	388.40	43.1	42.7	40.0	10.68	10.82	9.71
Apparel and other textile products	342.14	338.78	324.23	38.1	37.6	39.3	8.98	9.01	8.25
Paper and allied products	490.83	465.89	448.04	44.1	42.2	40.4	11.13	11.04	11.09
Printing and publishing	415.34	415.76	396.38	38.0	37.9	36.6	10.93	10.97	10.83
Chemicals and allied products	549.19	538.27	506.78	43.9	43.2	43.5	12.51	12.46	11.65
Rubber and misc. plastics products	388.37	376.42	393.32	43.2	42.2	43.8	8.99	8.92	8.98
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	636.19	615.45	576.32	42.3	41.5	40.5	15.04	14.83	14.23
Wholesale Trade	433.79	433.71	420.51	39.4	39.5	38.9	11.01	10.98	10.81
Retail Trade[h]	190.68	185.35	186.78	28.0	27.5	28.3	6.81	6.74	6.60
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	305.15	304.56	306.99	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	348.84	349.45	340.02	30.6	30.6	31.6	11.40	11.42	10.76

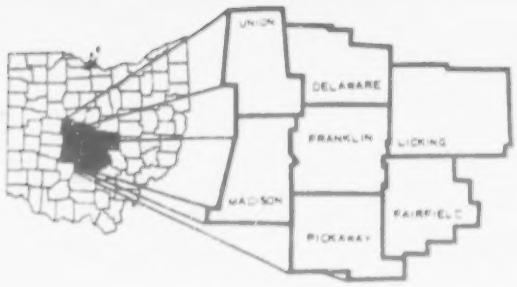
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Cleveland PMSA

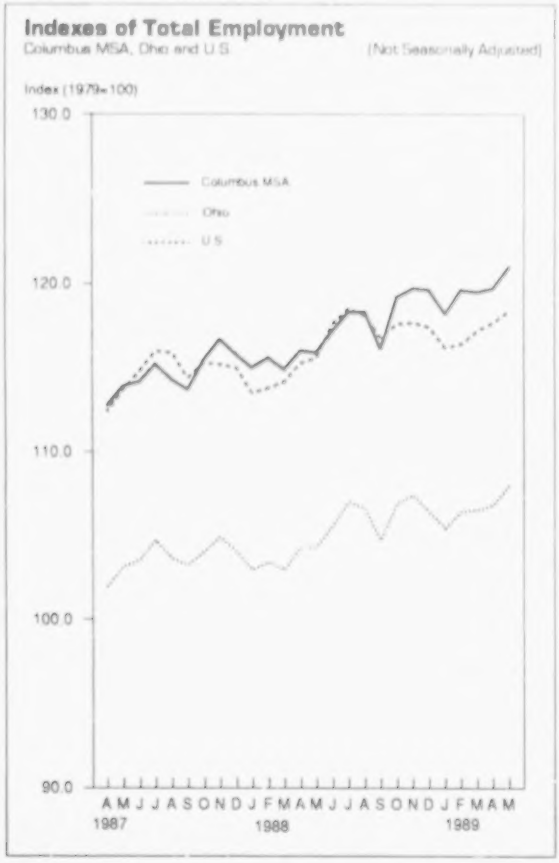
	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	4,229	4,273	4,637
Active File of Job Seekers	44,934	46,627	58,594
Referrals to Jobs	2,159	1,921	2,322
Placements	279	318	472
Job Openings Received	1,154	1,408	1,699
Job Openings Unfilled	3,834	3,948	4,200
Unemployment Insurance Program			
Initial Claims	5,811	5,713	5,750
Continued Claims	44,652	49,665	57,584
First Payments	2,382	2,277	2,415
Last Payments	960	925	1,030
Weeks Compensated	39,667	40,272	47,302
Benefits Paid	$6,185,092	$6,313,155	$7,225,147
Average Weekly Payment	$159.96	$160.39	$155.36

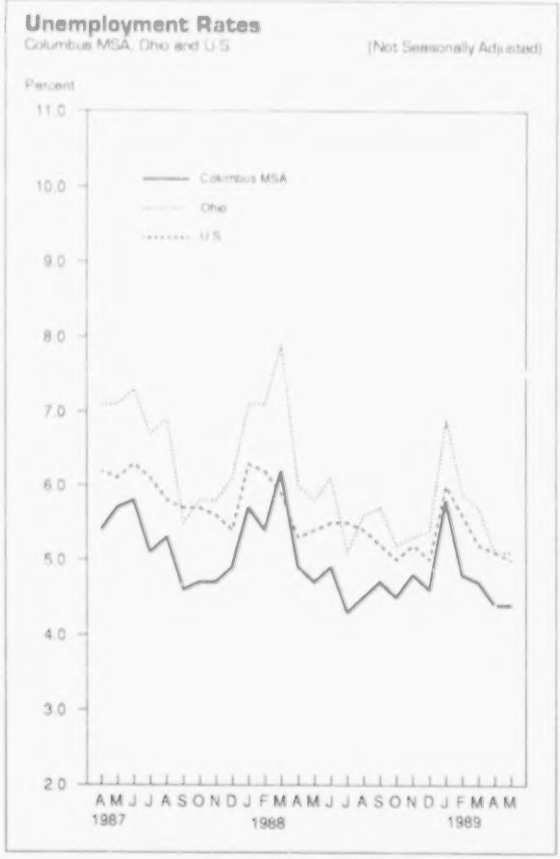
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Columbus metropolitan area totaled 705,000 in June 1989, up 3,200 from the May level. More business in construction, services, retail trade, and finance, insurance, and real estate accounted for most of the improvement. Although marginal increases were recorded in nonelectrical machinery and transportation equipment, scattered reductions in other durable-goods industries, especially fabricated metal products, lowered manufacturing employment 100 over the month to 102,800. Factory production workers averaged $11.96 per hour, unchanged from May. Their average workweek of 41.3 hours was .1 hours longer.

Total nonfarm wage and salary employment advanced 23,300 between June 1988 and June 1989. Primary growth industries were services, particularly business and health services, retail trade, and construction. Moderate expansion also occurred in wholesale trade, finance, insurance, and real estate, and transportation and public utilities. The manufacturing workforce added 100 jobs during the period. Improvements in transportation equipment, instruments and related products, and printing and publishing offset reductions in food and kindred products, nonelectrical machinery, electric and electronic equipment, and rubber and miscellaneous plastics products.





Columbus MSA Labor Force and Employment Data

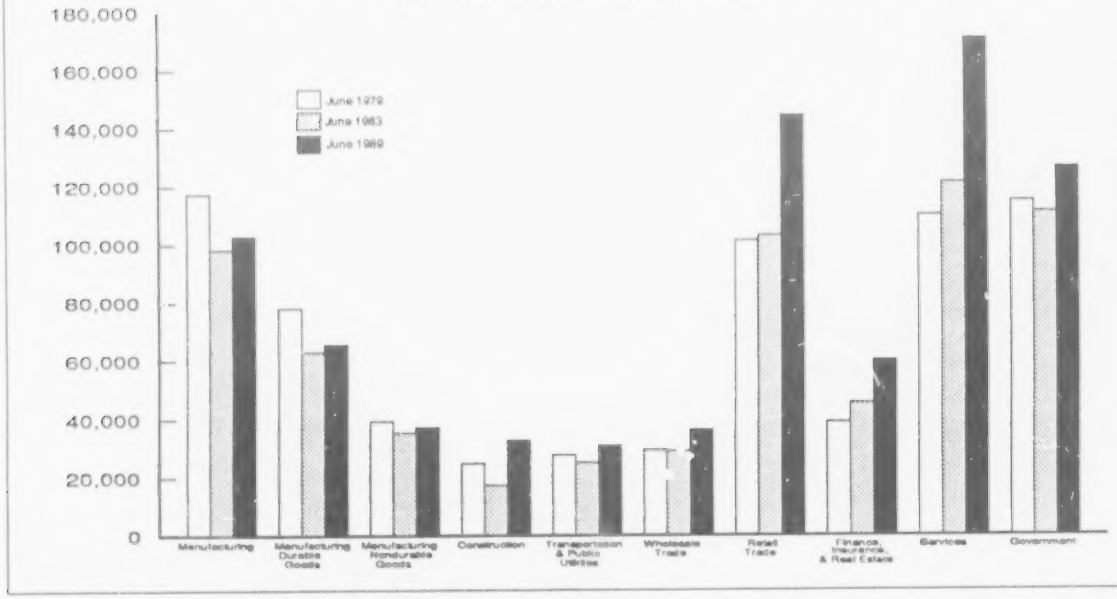
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
675.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.5	676.5	35.0	4.9	1988	678.1	102.6	67.9	480.16	41.5	11.57
				1988						
702.5	669.5	33.0	4.7	May	677.6	101.8	67.3	480.24	41.4	11.60
711.8	676.8	35.0	4.9	June	681.6	102.7	68.1	480.16	41.5	11.57
713.7	683.2	30.5	4.3	July	675.0	102.4	67.7	475.45	41.2	11.54
715.4	683.1	32.3	4.5	August	676.7	102.6	68.2	471.65	40.8	11.56
703.2	670.4	32.8	4.7	September	683.6	103.9	68.9	481.48	41.4	11.63
720.8	688.5	32.3	4.5	October	691.7	103.9	69.0	486.22	41.7	11.66
725.5	691.0	34.5	4.8	November	700.0	104.1	69.1	489.39	41.9	11.68
723.8	690.6	33.2	4.6	December	698.6	104.0	68.8	492.74	41.9	11.76
				1989						
724.3	682.6	41.7	5.8	January	681.7	103.2	68.1	486.38	41.5	11.72
725.3	690.5	34.8	4.8	February	683.4	103.2	67.8	491.78	41.5	11.85
724.7	690.3	34.4	4.7	March	688.2	103.0	67.8	493.44	41.5	11.89
722.6	691.0	31.6	4.4	April	695.8	102.9	67.7	494.68	41.5	11.92
731.0	698.7	32.2	4.4	May	701.8	102.9	67.6	492.75	41.2	11.96
INA	INA	INA	INA	June	705.0	102.8	67.6	493.95	41.3	11.96

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Columbus Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	705.0	701.8	681.6	3.2	23.3
Manufacturing	102.8	102.9	102.7	-.1	.1
Durable Goods[e]	65.5	65.7	64.8	-.1	.8
Stone, clay, and glass products	10.1	10.1	10.2	.0	-.1
Glass and glassware, pressed or blown	3.2	3.2	3.3	.0	-.1
Fabricated metal products	9.2	9.4	9.1	-.2	.1
Fabricated structural metal products	2.5	2.6	2.4	.0	.2
Machinery, except electrical	9.6	9.6	9.8	.1	-.2
Electric and electronic equipment	10.5	10.6	10.7	.0	-.2
Transportation equipment	13.3	13.2	12.5	.1	.9
Instruments and related products	4.3	4.3	4.1	.0	.2
Nondurable Goods[f]	37.2	37.2	37.9	.0	-.7
Food and kindred products	10.0	10.1	10.3	.0	-.3
Printing and publishing	10.7	10.6	10.5	.0	.2
Chemicals and allied products	6.7	6.6	6.8	.0	-.1
Rubber and misc. plastics products	5.5	5.5	5.6	.0	-.2
Nonmanufacturing[g]	602.2	598.9	579.0	3.3	23.2
Construction	32.6	31.2	29.3	1.3	3.2
Transportation and Public Utilities	30.9	30.7	29.6	.2	1.3
Trucking and warehousing	13.0	12.9	12.2	.1	.9
Communication, electric, gas services	11.8	11.9	12.0	.0	-.2
Wholesale Trade	36.2	36.1	34.6	.2	1.7
Wholesale trade-durable goods	23.3	23.2	22.3	.1	1.0
Retail Trade	144.3	143.8	138.0	.5	6.3
General merchandise stores	19.6	19.6	20.3	.0	-.7
Finance, Insurance, and Real Estate	59.8	59.3	58.3	.5	1.4
Banking	11.8	11.7	11.4	.1	.4
Insurance carriers	23.6	23.5	23.2	.0	.4
Services	171.0	170.3	162.6	.7	8.4
Business services	40.7	40.3	37.3	.4	3.5
Health services	43.1	42.7	41.3	.4	1.7
Hospitals	19.7	19.5	18.9	.1	.7
Government	126.4	126.6	125.6	-.2	.9
Federal government	15.2	15.2	15.3	-.1	-.2
State government	56.4	55.6	56.1	.8	.3
State government education[h]	24.1	23.7	24.5	.4	-.4
State government, except education	32.3	31.9	31.6	.3	.7
Local government	54.9	55.8	54.1	-.9	.7
Local government education	32.4	33.9	32.2	-1.5	.2
Local government, except education	22.5	21.9	21.9	.6	.5

Hours and Earnings of Production or Nonsupervisory Workers[a]

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$493.95	$492.75	$480.16	41.3	41.2	41.5	$11.96	$11.96	$11.57
Durable Goods[e]	498.08	497.28	490.05	41.3	41.2	41.6	12.06	12.07	11.78
Stone, clay, and glass products	519.70	509.84	485.03	43.2	42.7	41.0	12.03	11.94	11.83
Glass and glassware, pressed or blown	470.82	450.73	425.02	42.0	41.2	39.1	11.21	10.94	10.87
Fabricated metal products	494.51	502.25	529.61	40.6	40.9	41.8	12.18	12.28	12.67
Fabricated structural metal products	425.64	438.37	453.02	38.8	39.6	41.6	10.97	11.07	10.89
Machinery, except electrical	462.89	450.77	430.54	41.0	40.5	40.2	11.29	11.13	10.71
Electric and electronic equipment	459.29	463.16	460.53	39.8	40.1	40.9	11.54	11.55	11.26
Transportation equipment	594.18	588.80	584.05	42.2	41.7	42.6	14.08	14.12	13.71
Instruments and related products	433.95	431.58	411.93	40.9	40.6	39.8	10.61	10.63	10.35
Nondurable Goods[f]	486.10	483.69	458.97	41.3	41.2	41.2	11.77	11.74	11.14
Food and kindred products	446.71	446.45	447.37	41.4	41.3	41.5	10.79	10.81	10.78
Printing and publishing	584.11	584.11	541.75	40.2	40.2	39.4	14.53	14.53	13.75
Chemicals and allied products	605.20	596.14	535.19	42.5	42.1	41.2	14.24	14.16	12.99
Rubber and misc. plastics products	368.40	365.79	365.91	41.3	41.1	42.4	8.92	8.90	8.63
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	599.87	579.36	586.05	41.6	40.8	41.3	14.42	14.20	14.19
Wholesale Trade	369.57	367.25	342.62	38.1	37.9	37.0	9.70	9.69	9.26
Retail Trade[h]	190.28	186.48	181.10	28.7	28.0	28.7	6.63	6.66	6.31
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	272.83	274.92	267.99	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	369.17	367.41	337.55	33.9	33.8	34.2	10.89	10.87	9.87

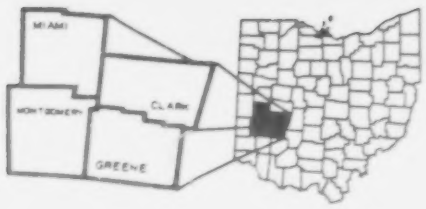
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Columbus MSA

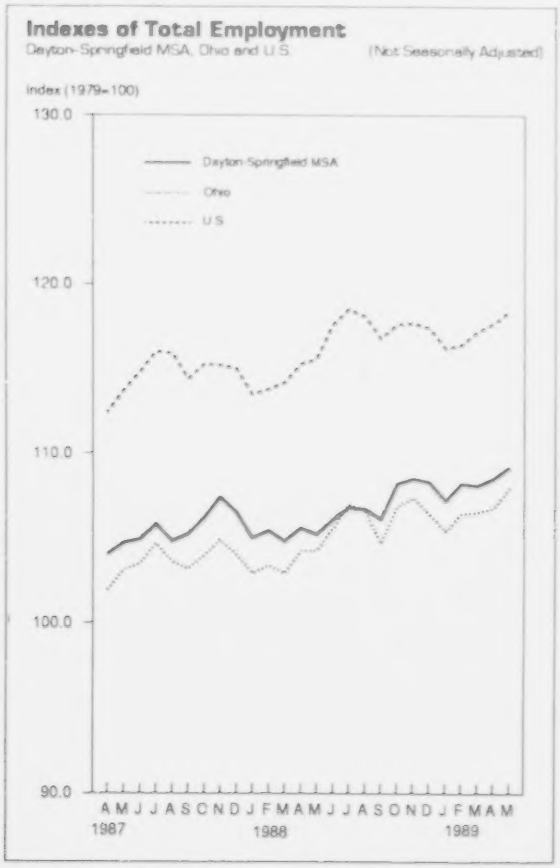
	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	3,915	4,220	4,339
Active File of Job Seekers	25,798	28,952	29,587
Referrals to Jobs	2,182	2,903	2,976
Placements	577	449	825
Job Openings Received	1,042	1,108	1,310
Job Openings Unfilled	2,000	2,532	2,377
Unemployment Insurance Program			
Initial Claims	3,876	3,801	3,324
Continued Claims	30,019	37,796	31,384
First Payments	1,580	1,572	2,063
Last Payments	769	687	757
Weeks Compensated	28,565	29,263	28,421
Benefits Paid	$4,534,473	$4,683,085	$4,361,842
Average Weekly Payment	$166.04	$166.80	$156.96

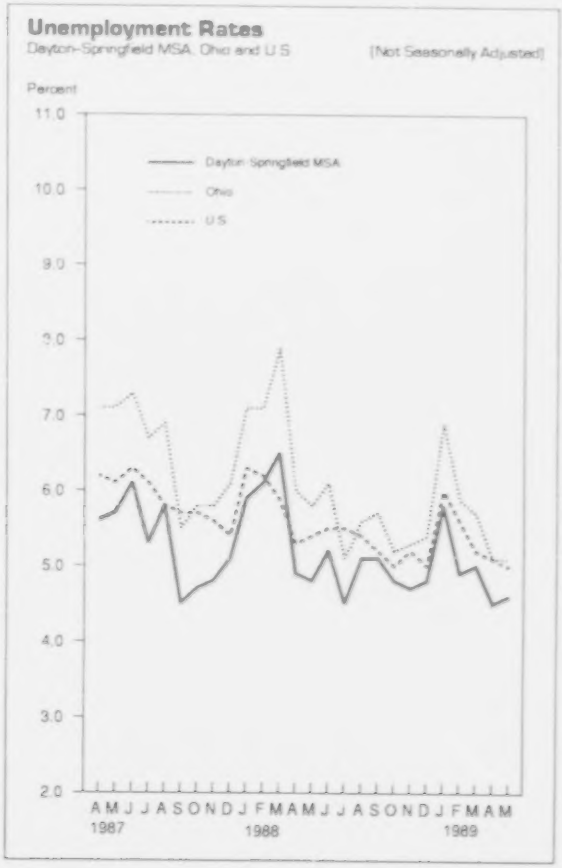
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



In the Dayton-Springfield metropolitan area, nonfarm payroll employment totaled 450,900 in June 1989, up 1,200 from the May level. Increased business in services, construction, and retail trade more than offset seasonal layoffs of nonteaching personnel in local schools and colleges. Scattered reductions among producers of durable goods negated a slight increase in nondurable goods and lowered manufacturing employment 200 to 104,400. Factory production worker average hourly earnings of $12.92 were up $.03 from May. Their average workweek was .3 hours longer, at 43.4 hours.

Nonagricultural wage and salary employment advanced 13,100 between June 1988 and June 1989. Significant expansion occurred in services, especially business and health services, retail trade, construction, and government. The manufacturing workforce declined 500 over the year. Modest reductions were recorded in transportation equipment, fabricated metal products, printing and publishing, and rubber and miscellaneous plastics products. Employment in nonelectrical machinery and food and kindred products increased.





Dayton-Springfield MSA Labor Force and Employment Data

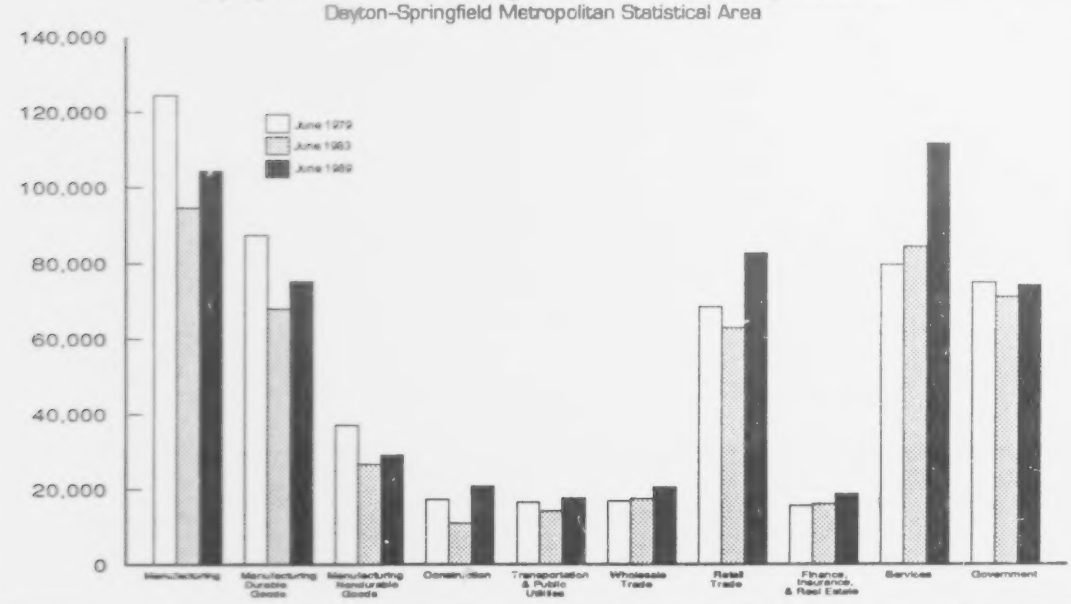
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
469.0	444.6	24.4	5.2	1988	436.7	104.5	67.2	546.41	43.4	12.59
				1988						
461.6	439.6	22.0	4.8	May	436.3	104.6	67.5	551.06	43.7	12.61
467.8	443.4	24.3	5.2	June	437.8	104.9	67.4	559.24	44.0	12.71
467.4	446.5	20.8	4.5	July	432.3	104.8	67.2	525.34	42.4	12.39
469.6	445.8	23.8	5.1	August	432.6	104.3	66.6	522.44	42.2	12.38
467.3	443.3	24.0	5.1	September	442.8	105.4	68.1	552.41	43.6	12.67
474.9	452.1	22.8	4.8	October	445.0	104.8	67.7	573.69	44.3	12.95
475.8	453.5	22.3	4.7	November	450.3	105.3	68.2	580.69	44.6	13.02
475.2	452.5	22.7	4.8	December	448.2	105.5	68.3	574.98	44.4	12.95
				1989						
475.4	447.9	27.5	5.8	January	438.2	104.9	67.7	576.83	44.1	13.08
475.7	452.3	23.4	4.9	February	438.6	104.7	67.5	565.93	43.6	12.98
475.7	451.9	23.8	5.0	March	441.3	104.9	67.6	563.77	43.3	13.02
475.2	453.7	21.5	4.5	April	447.4	104.8	67.6	555.13	43.1	12.88
478.8	456.6	22.2	4.6	May	449.7	104.6	67.3	555.56	43.1	12.89
INA	INA	INA	INA	June	450.9	104.4	66.9	560.73	43.4	12.92

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Dayton-Springfield Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	450.9	449.7	437.8	1.2	13.1
Manufacturing	104.4	104.6	104.9	-.2	-.5
Durable Goods[e]	75.3	75.6	75.5	-.3	-.2
Fabricated metal products	8.2	8.4	8.5	-.1	-.3
Machinery, except electrical	30.9	31.0	30.7	-.1	.2
Metalworking machinery	6.6	6.7	6.6	-.1	.0
General industrial machinery	2.8	2.8	2.8	.0	.1
Electric and electronic equipment	5.8	5.8	5.9	.0	-.1
Electrical industrial apparatus	3.4	3.3	3.3	.1	.0
Transportation equipment	20.4	20.5	20.9	-.1	-.4
Nondurable Goods[f]	29.1	28.9	29.4	.1	-.3
Food and kindred products	3.0	3.0	2.8	.0	.2
Paper and allied products	5.9	5.8	5.9	.1	.0
Printing and publishing	8.8	8.8	9.0	.0	-.2
Rubber and misc. plastics products	7.7	7.6	7.8	.1	-.2
Nonmanufacturing[g]	346.5	345.1	332.9	1.4	13.6
Construction	20.8	19.9	18.6	.9	2.2
Transportation and Public Utilities	17.5	17.4	16.9	.1	.6
Communication, electric, gas services	5.2	5.2	5.8	.0	-.6
Wholesale Trade	20.4	20.3	19.7	.1	.7
Wholesale trade-durable goods	13.8	13.7	13.6	.1	.2
Retail Trade	82.6	81.9	80.2	.7	2.5
General merchandise stores	11.6	11.6	11.6	.0	.0
Finance, Insurance, and Real Estate	18.6	18.3	18.3	.2	.3
Banking	4.2	4.2	4.2	.0	.1
Credit agencies other than banks	4.8	4.8	4.9	.1	.0
Insurance carriers	3.1	3.1	3.0	.0	.0
Services	111.8	110.5	106.4	1.2	5.4
Business services	28.0	27.6	25.7	.4	2.3
Health services	38.0	37.8	36.6	.1	1.3
Hospitals	19.6	19.6	19.0	.0	.6
Educational services	6.7	7.0	6.7	-.3	.0
Government	74.3	76.4	72.5	-2.0	1.9
Federal government	28.7	28.6	27.3	.0	1.4
State government	7.3	7.3	7.3	.1	.0
State government education[i]	4.3	4.4	4.4	.0	.0
State government, except education	3.0	2.9	3.0	.1	.0
Local government	38.4	40.5	37.8	-2.1	.5
Local government education	22.7	25.2	22.7	-2.5	.0
Local government, except education	15.7	15.3	15.2	.4	.5

Hours and Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun 1989[b]	May 1989[c]	Jun 1988[c]	Jun 1989[b]	May 1989[c]	Jun 1988[c]	Jun 1989[b]	May 1989[c]	Jun 1988[c]
Manufacturing	$560.73	$555.56	$559.24	43.4	43.1	44.0	$12.92	$12.89	$12.71
Durable Goods[e]	574.22	567.67	569.70	43.8	43.4	44.3	13.11	13.08	12.86
Fabricated metal products	422.14	413.88	398.27	43.7	42.8	42.1	9.66	9.67	9.46
Machinery, except electrical	630.15	614.10	608.85	45.4	44.5	45.1	13.88	13.80	13.50
Metalworking machinery	607.06	582.65	564.10	47.8	46.5	46.2	12.70	12.53	12.21
General industrial machinery	526.68	512.57	452.62	46.2	45.2	42.7	11.40	11.34	10.60
Electric and electronic equipment	442.83	438.18	451.00	43.5	43.6	44.0	10.18	10.05	10.25
Electrical industrial apparatus	544.66	545.83	541.70	45.2	45.6	46.9	12.05	11.97	11.55
Transportation equipment	688.08	695.41	716.87	42.5	42.9	45.4	16.19	16.21	15.79
Nondurable Goods[f]	523.64	517.83	528.84	42.4	42.1	43.1	12.35	12.30	12.27
Food and kindred products	352.64	360.29	338.96	41.1	41.7	40.4	8.58	8.64	8.39
Paper and allied products	494.12	480.31	540.76	44.0	43.0	46.9	11.23	11.17	11.53
Printing and publishing	476.08	469.68	456.27	40.9	40.7	40.2	11.64	11.54	11.35
Rubber and misc. plastics products	710.53	704.60	696.00	42.7	42.6	43.5	16.64	16.54	16.00
Transportation and Public Utilities									
Communication, electric, gas services	582.50	563.70	537.74	41.4	40.7	40.1	14.07	13.85	13.41
Wholesale Trade	396.70	401.88	411.46	39.2	39.4	40.3	10.12	10.20	10.21
Retail Trade[h]	173.20	171.17	163.02	28.3	28.2	28.5	6.12	6.07	5.72
Services									
Health services									
Hospitals	368.49	368.83	367.05	33.9	33.9	34.4	10.87	10.88	10.67

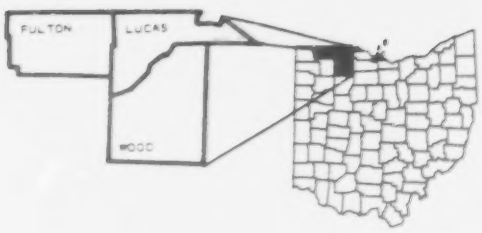
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Dayton-Springfield MSA

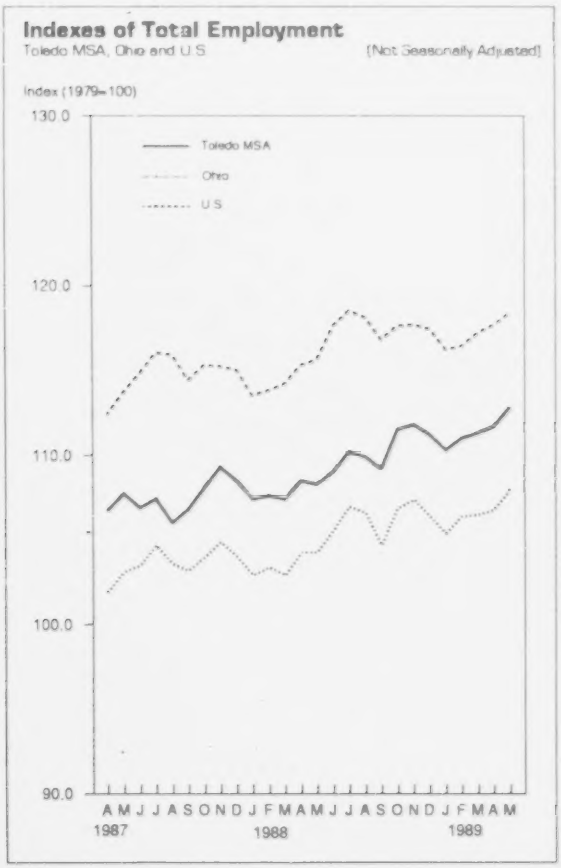
	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	2,086	2,275	2,336
Active File of Job Seekers	11,564	12,387	16,724
Referrals to Jobs	1,735	1,403	1,576
Placements	435	291	328
Job Openings Received	886	980	1,263
Job Openings Unfilled	1,736	2,106	1,762
Unemployment Insurance Program			
Initial Claims	2,445	2,652	2,557
Continued Claims	20,002	24,614	20,240
First Payments	1,067	1,012	1,067
Last Payments	506	408	440
Weeks Compensated	19,083	19,692	17,632
Benefits Paid	$2,746,803	$2,875,625	$2,500,589
Average Weekly Payment	$149.09	$152.23	$144.82

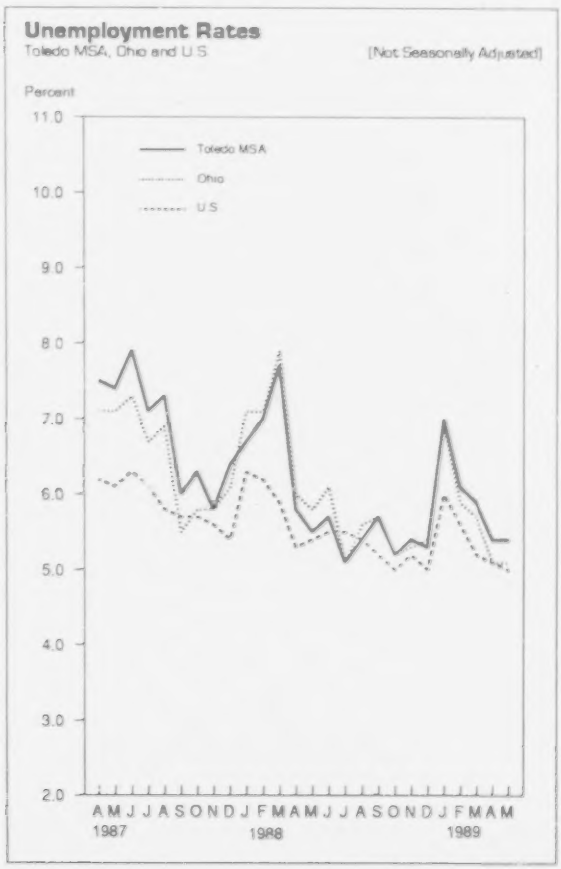
TOLEDO
METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Toledo metropolitan area totaled 294,300 in June 1989, down 900 from the May level. Seasonal layoffs of nonteaching personnel in state and local schools and colleges outweighed expansion in services, retail trade, and construction. The manufacturing workforce, at 62,000, increased 600 over the month. Modest improvements were noted in stone, clay, and glass products, transportation equipment, and food and kindred products. Factory production workers averaged $13.24 per hour, down $.08 from May. Their average workweek of 43.2 hours was .7 hours shorter.

Total nonfarm wage and salary employment advanced 8,800 between June 1988 and June 1989. The growth was concentrated in the nonmanufacturing sector with noteworthy expansion in services, especially business services, retail trade, construction, and government. Manufacturing employment declined 1,500 during the period. Moderate reductions occurred in transportation equipment, fabricated metal products, stone, clay, and glass products, and primary metal industries.



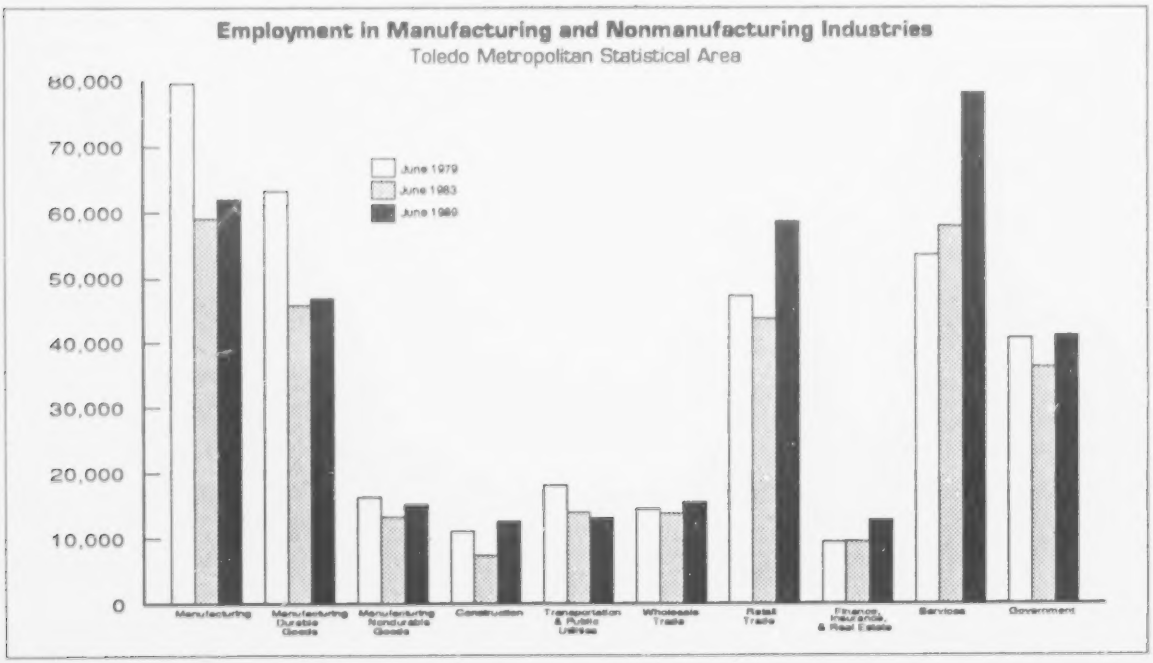


Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
310.3	292.1	18.2	5.9	1988	284.9	62.5	44.8	569.41	43.4	13.12
				1988						
306.4	289.5	16.9	5.5	May	285.0	62.1	44.5	552.90	42.4	13.04
308.9	291.2	17.6	5.7	June	285.5	63.5	45.7	571.58	43.4	13.17
310.3	294.4	15.8	5.1	July	283.1	63.1	45.2	543.93	42.1	12.92
310.5	293.6	16.9	5.4	August	282.9	63.3	45.5	549.95	42.5	12.94
309.4	291.7	17.7	5.7	September	289.5	63.6	45.8	586.49	44.6	13.15
314.1	297.9	16.2	5.2	October	291.3	62.8	45.0	585.64	44.4	13.19
315.6	298.6	17.0	5.4	November	294.5	62.6	44.9	605.69	45.1	13.43
313.6	297.0	16.6	5.3	December	292.4	62.4	44.6	589.19	44.3	13.30
				1989						
317.1	294.8	22.3	7.0	January	286.6	62.0	44.4	576.39	43.6	13.22
315.9	296.5	19.4	6.1	February	285.7	61.7	44.2	598.53	44.7	13.39
316.0	297.3	18.7	5.9	March	288.5	61.4	43.9	598.09	44.6	13.41
315.3	298.4	16.9	5.4	April	292.4	61.3	43.8	561.56	42.9	13.09
318.7	301.5	17.2	5.4	May	295.2	61.4	43.9	584.75	43.9	13.32
INA	INA	INA	INA	June	294.3	62.0	44.4	571.97	43.2	13.24

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	294.3	295.2	285.5	-.9	8.8
Manufacturing	62.0	61.4	63.5	.6	-1.5
Durable Goods[e]	46.9	46.6	48.2	.3	-1.3
Stone, clay, and glass products	7.6	7.5	7.8	.1	-.3
Primary metal industries	3.3	3.3	3.6	.0	-.3
Fabricated metal products	7.2	7.2	7.6	.0	-.4
Metal forgings and stampings	2.9	3.0	3.3	.0	-.3
Machinery, except electrical	6.1	6.0	5.9	.0	.1
Electric and electronic equipment	2.1	2.1	2.3	.0	-.2
Transportation equipment	15.6	15.5	16.0	.1	-.5
Motor vehicles and equipment	14.7	14.6	15.1	.1	-.4
Nondurable Goods[f]	15.1	14.8	15.3	.3	-.2
Food and kindred products	4.1	4.0	4.0	.1	.1
Rubber and misc. plastics products	3.5	3.5	3.6	.0	-.1
Nonmanufacturing[g]	232.2	233.8	222.0	-1.6	10.3
Construction	12.6	12.2	11.0	.5	1.7
Transportation and Public Utilities	13.1	13.1	13.1	.0	.0
Trucking and warehousing	5.4	5.4	5.3	.0	.1
Communication, electric, gas services	4.7	4.7	4.8	.0	-.1
Wholesale Trade	15.5	15.4	15.0	.1	.5
Wholesale trade-durable goods	10.3	10.2	10.0	.1	.4
Retail Trade	58.7	58.1	55.8	.6	2.9
General merchandise stores	8.6	8.6	8.0	.0	.6
Finance, Insurance, and Real Estate	12.7	12.7	12.3	.1	.4
Banking	3.8	3.8	3.7	.0	.1
Services	78.1	77.2	74.4	.9	3.7
Business services	17.0	16.6	15.2	.4	1.8
Health services	27.7	27.5	27.1	.2	.6
Hospitals	15.2	15.1	15.1	.1	.1
Government	41.2	45.0	40.0	-3.8	1.2
State government	13.5	16.7	13.1	-3.3	.4
State government education[h]	9.2	12.5	8.9	-3.4	.3
State government, except education	4.3	4.2	4.1	.1	.2
Local government	25.1	25.6	24.3	-.5	.7
Local government education	14.2	15.0	13.7	-.8	.5
Local government, except education	10.9	10.6	10.6	.3	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]	Jun. 1989[b]	May 1989[c]	Jun. 1988[c]
Manufacturing	$571.97	$584.75	$571.58	43.2	43.9	43.4	$13.24	$13.32	$13.17
Durable Goods[e]	588.45	606.02	598.75	43.3	44.3	43.8	13.59	13.68	13.67
Stone, clay, and glass products	512.62	526.25	494.86	39.8	40.7	39.4	12.88	12.93	12.56
Primary metal industries	483.66	477.22	520.98	43.3	42.8	45.5	11.17	11.15	11.45
Fabricated metal products	476.58	484.78	547.71	42.4	43.4	43.4	11.24	11.17	12.62
Metal forgings and stampings	630.27	619.48	694.93	42.3	41.8	45.9	14.90	14.82	15.14
Machinery, except electrical	495.04	517.10	508.13	41.6	43.2	42.7	11.90	11.97	11.90
Electric and electronic equipment	556.37	539.75	471.17	43.5	42.5	40.9	12.79	12.70	11.52
Transportation equipment	772.01	804.94	784.56	45.6	47.1	46.7	16.93	17.09	16.80
Motor vehicles and equipment	778.27	811.37	795.42	45.7	47.2	46.9	17.03	17.19	16.96
Nondurable Goods[f]	518.58	515.31	474.47	43.0	42.8	42.1	12.06	12.04	11.27
Food and kindred products	642.46	619.52	548.27	45.5	44.0	42.7	14.12	14.08	12.84
Rubber and misc. plastics products	378.88	388.06	359.97	43.3	43.7	42.6	8.75	8.88	8.45
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	589.56	576.47	601.13	40.8	40.2	41.4	14.45	14.34	14.52
Wholesale Trade	406.53	406.18	377.71	39.7	39.9	38.7	10.24	10.18	9.76
Retail Trade[h]	158.89	156.64	160.15	27.3	27.1	28.7	5.82	5.78	5.58

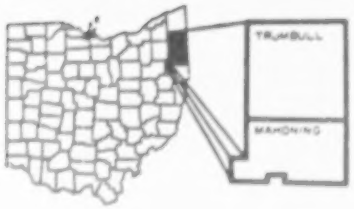
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Toledo MSA

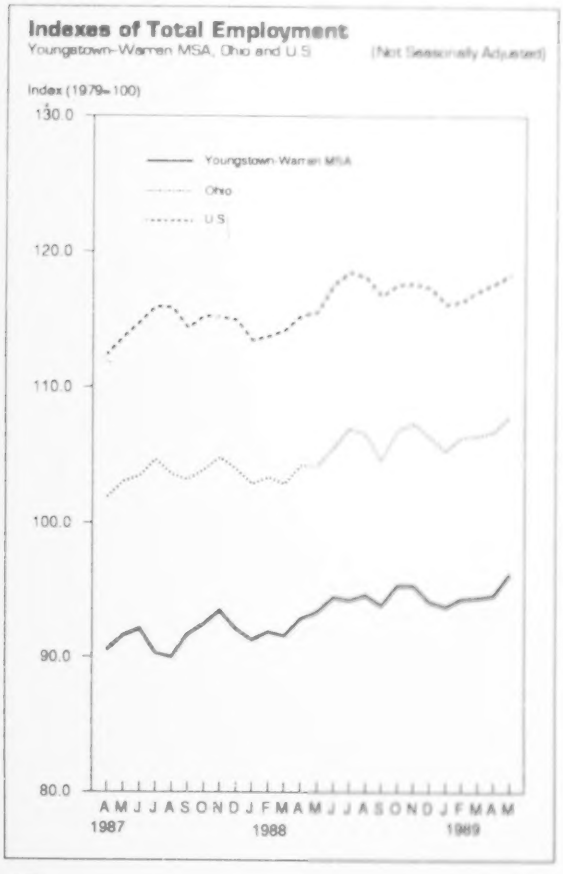
	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	1,487	1,858	2,447
Active File of Job Seekers	16,040	16,577	18,549
Referrals to Jobs	894	1,312	1,814
Placements	189	383	341
Job Openings Received	649	660	826
Job Openings Unfilled	1,086	938	1,266
Unemployment Insurance Program			
Initial Claims	3,043	2,898	2,396
Continued Claims	16,990	20,078	16,969
First Payments	1,047	854	1,135
Last Payments	372	310	330
Weeks Compensated	15,984	16,248	14,572
Benefits Paid	$2,447,696	$2,585,482	$2,132,368
Average Weekly Payment	$159.22	$166.70	$149.97

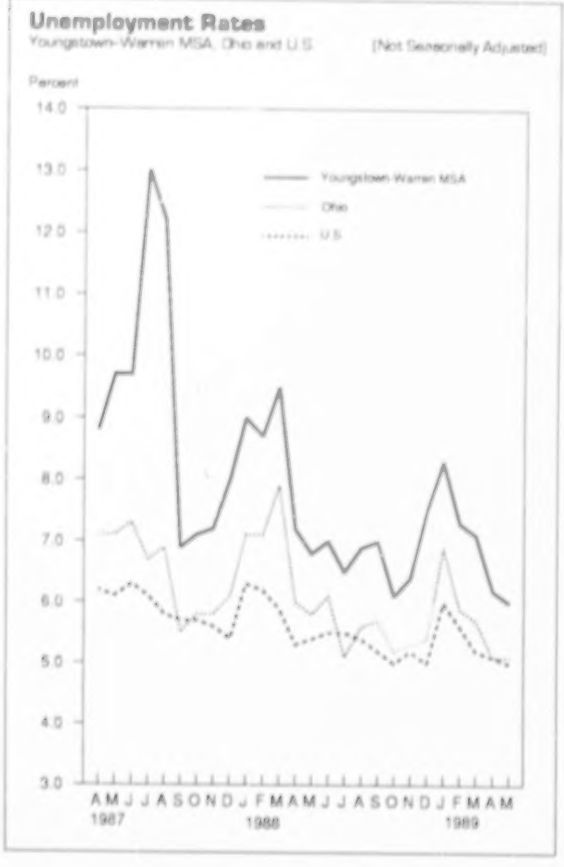
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



In the Youngstown-Warren metropolitan area, total nonfarm payroll employment rose 500 above the May level to 200,500 in June 1989. Modest gains in construction, services, retail trade, and wholesale trade outweighed seasonal layoffs of nonteaching personnel in local schools and colleges. Manufacturing employment, at 50,200, increased 100 over the month as more business in transportation equipment offset declines in primary metal industries and fabricated metal products. Factory production worker average hourly earnings of $13.92 were $.08 higher than May. Their average workweek was .8 hours shorter, at 42.6 hours.

Nonagricultural wage and salary employment advanced 3,600 between June 1988 and June 1989. The growth was concentrated in the nonmanufacturing sector. Noteworthy expansion occurred in services, retail trade, and construction. The manufacturing workforce decreased 900 during the period with reductions in primary metal industries, especially blast furnace and basic steel products, and fabricated metal products. Marginal gains were recorded in transportation equipment and nonelectrical machinery.





Youngstown-Warren MSA Labor Force and Employment Data

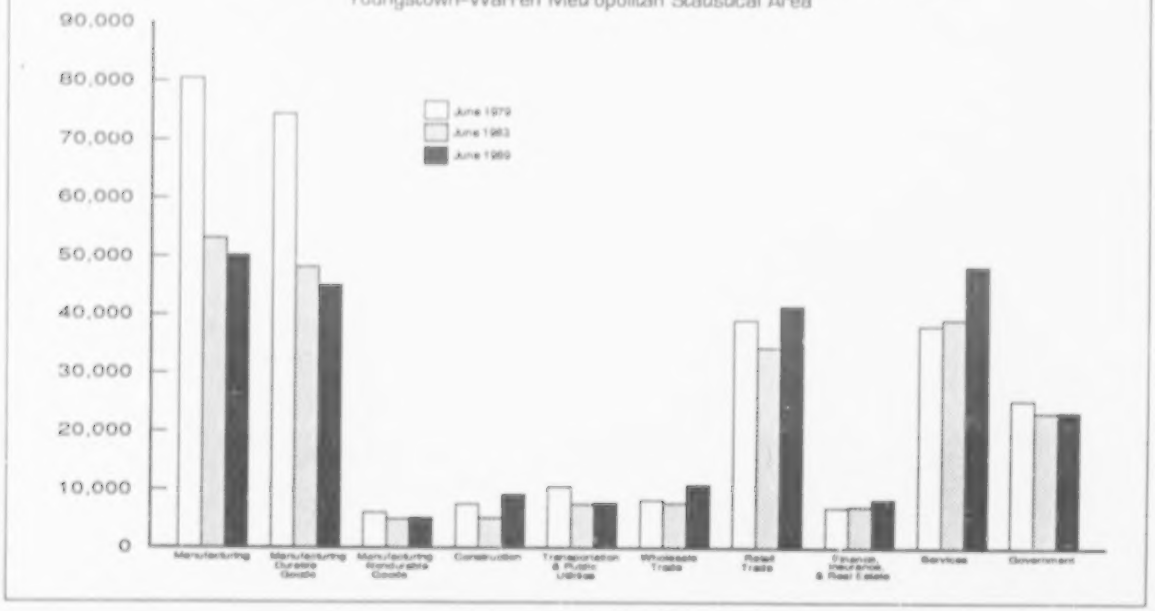
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed Total	Unemployed Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	$353.56	41.4	$ 8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
222.3	205.9	16.4	7.4	1988	193.9	50.5	38.5	575.95	42.6	13.52
				1988						
220.2	205.3	15.0	6.8	May	195.6	50.7	38.8	593.45	43.7	13.58
223.3	207.8	15.6	7.0	June	196.9	51.1	39.2	582.08	42.8	13.60
221.7	207.4	14.3	6.5	July	192.6	48.9	36.9	568.09	42.3	13.43
223.8	208.3	15.5	6.9	August	193.8	50.3	38.3	557.44	41.6	13.40
222.0	206.4	15.6	7.0	September	197.6	51.8	39.9	589.81	43.4	13.59
223.3	209.8	13.5	6.1	October	198.0	51.7	39.7	586.09	43.0	13.63
224.0	209.7	14.2	6.4	November	199.8	51.9	39.8	593.71	43.4	13.68
224.0	207.1	16.9	7.5	December	196.7	49.8	37.8	594.21	43.5	13.66
				1989						
224.9	206.2	18.7	8.3	January	193.4	51.1	39.0	599.87	43.5	13.79
223.9	207.5	16.3	7.3	February	193.0	50.6	38.6	586.87	42.9	13.68
223.7	207.8	15.9	7.1	March	194.7	50.3	38.3	593.64	43.3	13.71
222.1	208.3	13.8	6.2	April	197.0	50.1	38.2	586.18	42.6	13.76
225.3	211.7	13.6	6.0	May	200.0	50.1	38.1	600.66	43.4	13.84
INA	INA	INA	INA	June	200.5	50.2	38.2	592.99	42.6	13.92

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Youngstown-Warren Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1989[b]	May 1989[c]	June 1988[c]	From Last Month	From Last Year
Total	200.5	200.0	196.9	.5	3.6
Manufacturing	50.2	50.1	51.1	.1	-.9
Durable Goods[e]	45.0	45.0	45.8	.0	-.8
Primary metal industries	18.4	18.5	19.3	-.1	-.9
Blast furnace and basic steel products	5.6	5.4	5.9	.2	-.3
Fabricated metal products	7.4	7.5	7.6	-.1	-.2
Machinery, except electrical	3.9	3.9	3.7	.0	.1
Electric and electronic equipment	2.2	2.2	2.3	.0	-.1
Transportation equipment	9.8	9.6	9.6	.2	.2
Nondurable Goods[f]	5.2	5.1	5.2	.0	-.1
Nonmanufacturing[g]	150.3	149.9	145.8	.4	4.5
Construction	9.1	8.5	8.2	.6	.9
Transportation and Public Utilities	7.8	7.8	7.6	.0	.2
Communication, electric, gas services	2.8	2.8	2.9	.0	-.2
Wholesale Trade	10.8	10.6	10.3	.2	.5
Wholesale trade-durable goods	6.9	6.9	6.6	.1	.3
Retail Trade	41.6	41.2	40.0	.3	1.6
General merchandise stores	5.0	5.0	5.1	-.1	-.1
Finance, Insurance, and Real Estate	8.4	8.3	8.4	.1	.0
Banking	2.8	2.8	2.8	.0	.0
Services	48.4	47.9	46.1	.5	2.3
Health services	20.9	20.8	20.5	.1	.4
Hospitals	10.7	10.7	10.7	.0	.1
Government	23.5	24.9	24.4	-1.4	-.9
State government	4.6	4.6	4.5	.0	.1
State government education[h]	3.1	3.1	3.0	.0	.1
State government, except education	1.6	1.5	1.5	.1	.0
Local government	16.7	18.1	17.9	-1.4	-1.1
Local government education	10.3	11.8	11.5	-1.5	-1.2
Local government, except education	6.5	6.4	6.4	.1	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Youngstown-Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun 1989[b]	May 1989[c]	Jun 1988[c]	Jun 1989[b]	May 1989[c]	Jun 1988[c]	Jun 1989[b]	May 1989[c]	Jun 1988[c]
Manufacturing	$592.99	$600.66	$582.08	42.6	43.4	42.8	$13.92	$13.84	$13.60
Durable Goods[e]	606.90	616.17	594.59	42.8	43.7	42.9	14.18	14.10	13.86
Primary metal industries	667.01	645.82	655.77	43.2	42.6	43.4	15.44	15.16	15.11
Blast furnace and basic steel products	648.67	614.71	627.91	46.6	45.1	45.6	13.92	13.63	13.77
Fabricated metal products	623.34	618.32	590.92	45.8	45.7	44.0	13.61	13.53	13.43
Machinery, except electrical	506.97	504.71	464.84	43.0	42.7	41.1	11.79	11.82	11.31
Electric and electronic equipment	458.05	465.41	453.61	39.9	40.4	41.2	11.48	11.52	11.01
Transportation equipment	620.43	693.68	620.00	41.5	46.0	42.7	14.95	15.08	14.52
Nondurable Goods[f]	436.05	428.67	441.74	40.3	40.1	41.4	10.82	10.69	10.67
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	582.01	566.21	540.54	40.7	40.1	39.6	14.30	14.12	13.65
Wholesale Trade	368.45	361.38	355.89	38.3	38.0	38.6	9.62	9.51	9.22
Retail Trade[h]	183.33	185.66	178.48	28.6	29.1	29.5	6.41	6.38	6.05

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Youngstown-Warren MSA

	June 1989	May 1989	June 1988
Employment Service Program			
New Applicants	2,684	3,447	2,114
Active File of Job Seekers	20,001	19,696	16,441
Referrals to Jobs	1,243	1,674	1,432
Placements	288	508	468
Job Openings Received	455	515	809
Job Openings Unfilled	933	963	1,031
Unemployment Insurance Program			
Initial Claims	3,854	2,738	2,639
Continued Claims	15,255	17,604	15,220
First Payments	939	988	826
Last Payments	242	274	316
Weeks Compensated	13,966	14,823	13,241
Benefits Paid	$2,020,153	$2,158,124	$1,821,379
Average Weekly Payment	$149.50	$149.12	$140.54

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	42	2
Manufacturing	57	3
Nonmanufacturing	38	2
Mining	52	1.4
Construction	19	1.4
Transportation and Public Utilities	45	3
Wholesale Trade	22	4
Retail Trade	21	4
Finance, Insurance, and Real Estate	43	3
Services	34	3
Government	71	2

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than .2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1988 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	June 1989	May 1989	June 1988
New Applicants	34,620	37,610	40,409
Active File of Job Seekers	242,715	253,047	270,609
Counseling Interviews	628	848	1,410
Tests Administered	1,684	1,665	3,678
General Aptitude Tests	190	65	168
Proficiency Tests	270	255	460
Specific Aptitude Tests	137	361	1,202
Referrals to Jobs	24,866	25,003	32,914
Placements	5,741	5,423	7,524
Job Openings Received	12,381	11,846	15,074
Job Openings Unfilled	20,920	22,812	24,256

Selected Unemployment Insurance Activities

	Ohio		
	June 1989	May 1989	June 1988
Initial Claims	45,358	44,273	40,272
Continued Claims	302,036	360,01[illegible]	337,024
First Payments	17,178	16,486	16,903
Last Payments	6,522	5,879	6,670
Average Weekly Claimants	71,428	75,764	75,512
Average Weekly Benefit Recipients	61,029	67,680	61,190
Weeks Compensated	283,746	285,947	287,269
Benefits Paid	$43,220,041	$44,342,459	$42,729,975
Average Weekly Payment	$158.00	$160.66	$152.24
Continued Claims for Survey Week	70,714	76,327	73,153
Insured Unemployment Rate	1.6	1.7	1.7
Net Contributions	$5,928,093	$349,578,476	$3,436,258
Active Employer Accounts	203,748	203,010	200,060

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